

## SUMMARY TABLE

Sr. No	BOQ CATEGORY	BOQ EQUIPMENT AND INSTALLATION LANDED COST (1 USD = PKR 168.351/-)		INSURANCE LIMIT (PKR)
		USD	PKR	
1	TRACK EQUIPMENT, MATERIAL, LAYING TESTING AND COMMISSIONING	80,910,314	13,621,332,350	1,587,032,754
2	HIGH VOLTAGE SUB-STATIONS EQUIPMENT, INSTALLATION & COMMISSIONING	33,240,155	5,596,013,342	839,402,001
3	TRACTION TRANSFORMER SUB-STATION (TSS) EQUIPMENT, INSTALLATION & COMMISSIONING	147,254,484	24,790,439,618	1,906,094,901
4	LOW VOLTAGE POWER SUPPLU (LPS) EQUIPMENT, INSTALLATION & COMMISSIONING	60,040,820	10,107,932,027	954,594,651
5	SCADA EQUIPMENT, INSTALLATION & COMMISSIONING	4,064,469	684,257,387	39,272,117
6	SIGNALLING SYSTEM EQUIPMENT, INSTALLATION & COMMISSIONING	112,429,694	18,927,651,387	730,873,715
7	COMMUNICATION EQUIPMENT, INSTALLATION & COMMISSIONING	66,125,146	11,132,234,491	688,802,209
8	AUTOMATED FARE COLLECTION (AFC) EQUIPMENT, INSTALLATION & COMMISSIONING	44,729,481	7,530,252,878	748,250,324
9	BUILDING ACCESS SYSTEM (BAS) EQUIPMENT, INSTALLATION & COMMISSIONING	15,747,333	2,651,079,314	198,820,511
10	FIRE ALARM SYSTEM (FAS) EQUIPMENT, INSTALLATION & COMMISSIONING	22,387,728	3,768,996,449	224,009,782
11	FIRE EXTINGUISHING SYSTEM (FES) EQUIPMENT, INSTALLATION & COMMISSIONING	12,702,620	2,138,498,843	170,082,635
12	PLATFORM SLIDING DOORS (PSD) & AUTOMATIC PASSENGER GATES (APG) EQUIPMENT, INSTALLATION & COMMISSIONING	37,594,285	6,329,035,428	612,158,537
13	HVAC EQUIPMENT, INSTALLATION & COMMISSIONING	33,293,818	5,605,047,558	617,867,733
14	ESCALATORS & ELEVATORS EQUIPMENT, INSTALLATION & COMMISSIONING	45,250,927	7,618,038,744	567,598,246
15	WATER SUPPLY, DRAINAGE & FIRE FIGHTING EQUIPMENT, INSTALLATION & COMMISSIONING	37,774,721	6,359,412,067	316,448,559
16	ILLUMINATION EQUIPMENT, INSTALLATION & COMMISSIONING	39,743,718	6,690,894,671	468,301,731
17	DEPOT EQUIPMENT, INSTALLATION & COMMISSIONING	62,741,043	10,562,517,284	2,075,658,358
18	STABLING YARD EQUIPMENT, INSTALLATION & COMMISSIONING	5,762,828	970,177,804	145,526,671
19	ROLLING STOCK	242,739,504	40,865,438,238	7,567,673,748
	<b>TOTAL</b>	<b>1,104,533,088</b>	<b>185,949,249,883</b>	<b>20,458,469,186</b>

<b>ESTIMATED INSURANCE PREMIUM PER YEAR</b>	
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<b>INSURANCE COST PER MONTH (PKR)</b>	
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## LRMTS Orange Line Schedule of Price for Track-Equipment & Material

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 (美元) UNIT PRICE USD (CIF)	总价 (美元) TOTAL PRICE USD (CIF)	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
<b>1</b>	<b>Mainline</b>	<b>主线</b>				<b>20,413,820.91</b>			
1.1	60kg/m 25m Rail	60kg/m 25m 钢轨	Nos. 根	4312	1,936.77	8,351,352.24	11,691,893.14	1,968,341,901	149,725,451
1.2	Fastener	扣件					-	-	-
1.2.1	WJ-2A Fastener	WJ-2A型扣件	Set 套	162805	57.33	9,333,610.65	13,067,054.91	2,199,851,761	101,881,897
1.2.2	TSD1 Fastener	TSD1 型扣件	Set 套	11496	67.82	779,658.72	1,091,522.21	183,758,855	101,614,043
1.2.3	Type I elastic Fastener	弹条 I 型扣件	Set 套	2398	10.32	24,747.36	34,646.30	5,832,740	-
1.3	Turnout	道岔					-	-	-
1.3.1	No.9 Single Turnout 60kg/m Rail	9号单开道岔 60kg/m 钢轨	Set 套	16	42,161.79	674,588.64	944,424.10	158,994,741	19,874,343
1.3.2	No.9 Scissors crossing 60kg/m Rail	9号交叉渡线 60kg/m 钢轨	Set 套	2	217,501.35	435,002.70	609,003.78	102,526,395	-
1.4	Turnout sleeper						-	-	-
1.4.1	60kg/m No.9 Concrete turnout sleepers	9号单开道岔混凝土岔枕 60kg/m	Set 套	16	10,440.07	167,041.12	233,857.57	39,370,155	4,921,269
1.4.2	60kg/m No.9 Concrete turnout sleepers crossover	9号交叉渡线岔枕 60kg/m	Set 套	2	56,215.74	112,431.48	157,404.07	26,499,133	-
1.5	Expansion joint	伸缩调节器	Set 套	20	26,769.40	535,388.00	749,543.20	126,186,347	12,618,635
<b>2</b>	<b>Depot</b>	<b>车辆段</b>				<b>3,758,882.01</b>			
2.1	Rail	钢轨					-	-	-
2.1.1	60kg/m 25m Rail	60kg/m 25m 钢轨	Nos. 根	61	1,936.77	118,142.97	165,400.16	27,845,282	-
2.1.2	50kg/m 25m Rail	50kg/m 25m 钢轨	Nos. 根	788	1,644.99	1,296,252.12	1,814,752.97	305,515,477	-
2.1.3	50 ~ 60kg 12.5m Profiled rail	50 ~ 60kg 12.5m 异形轨	Nos. 根	6	2,227.21	13,363.26	18,708.56	3,149,605	-
2.2	Fastener	扣件					-	-	-
2.2.1	Type I Elastic fastener	弹条 I 型扣件	set 套	16300	10.32	168,216.00	235,502.40	39,647,065	-
2.2.2	DJK5-1 Fastener	DJK5-1型扣件	set 套	8972	42.94	385,257.68	539,360.75	90,801,922	-
2.2.3	Inspection pits outside the library I type	库外 I 型检查坑扣件	set 套	183	54.65	10,000.95	14,001.33	2,357,138	-
2.3	Turnout	道岔					-	-	-
2.3.1	No. 7 single turnout 50kg/m rail	7号单开道岔 50kg/m 钢轨	set 套	36	31,788.66	1,144,391.76	1,602,148.46	269,723,296	-

## LRMTS Orange Line Schedule of Price for Track-Equipment & Material

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 (美元) UNIT PRICE USD (CIF)	总价 (美元) TOTAL PRICE USD (CIF)	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
2.3.2	No. 9 single turnout 60kg/m rail	9号单开道岔 60kg/m 钢轨	set 套	1	42,161.79	42,161.79	59,026.51	9,937,171	-
2.3.3	No.7 crossover 50kg/m rail	7号交叉渡线 50kg/m 钢轨	set 套	1	160,750.22	160,750.22	225,050.31	37,887,444	-
2.4	Turnout sleeper						-	-	-
2.4.1	60kg/m No.9 Concrete turnout sleepers	9号单开道岔混凝土岔枕 60kg/m	Set 套	1	10,440.07	10,440.07	14,616.10	2,460,635	-
2.4.2	50kg/m No. 7 single turnout sleeper	7号单开道岔岔枕 50kg/m	Set 套	36	9,904.68	356,568.48	499,195.87	84,040,124	-
2.4.3	50kg/m No.7 crossover turnout sleeper	7号交叉渡线岔枕 50kg/m	Set 套	1	53,336.71	53,336.71	74,671.39	12,571,004	-
<b>3</b>	<b>Stabling yard</b>	<b>停车场</b>				<b>1,694,094.53</b>		-	-
3.1	Rail	钢轨					-	-	-
3.1.1	50kg/m 25m Rail	50kg/m 25m 钢轨	Nos. 根	320	1,644.99	526,396.80	736,955.52	124,067,199	-
3.1.2	50~60kg 12.5m Profiled rail	50~60kg 12.5m 异形钢轨	Nos. 根	4	2,227.21	8,908.84	12,472.38	2,099,737	-
3.2	Fastener	扣件					-	-	-
3.2.1	Type I elastic fastener	弹条 I 型扣件	set 套	5422	10.32	55,955.04	78,337.06	13,188,122	-
3.2.2	DJK5-1 fastener	DJK5-1型扣件	set 套	3220	42.94	138,266.80	193,573.52	32,588,296	-
3.3	Turnout	道岔					-	-	-
3.3.1	NO.7 Single turnout 50kg/m Rail	7号单开道岔 50kg/m 钢轨	set 套	18	31,788.66	572,195.88	801,074.23	134,861,648	-
3.3.2	No.7 Scissors crossing 50kg/m Rail	7号交叉渡线 50kg/m 钢轨	set 套	1	160,750.22	160,750.22	225,050.31	37,887,444	-
3.4	Turnout sleeper	岔枕					-	-	-
3.4.1	50kg/m No. 7 single turnout sleeper	7号单开道岔岔枕 50kg/m	Set 套	18	9,904.68	178,284.24	249,597.94	42,020,062	-
3.4.2	50kg/m No.7 crossover turnout sleeper	7号交叉渡线岔枕 50kg/m	Set 套	1	53,336.71	53,336.71	74,671.39	12,571,004	-
<b>4</b>	<b>Other materials</b>	<b>其它材料</b>				<b>17,337,183.70</b>		-	-
4.1	Hydraulic sliding buffer	液压缓冲滑动式车挡	set 套	5	23,021.69	115,108.45	161,151.83	27,130,072	-
4.2	Friction type buffer	摩擦式车辆挡	set 套	36	3,212.33	115,643.88	161,901.43	27,256,268	-
4.3	Stationary type buffer out of workshop	外固定式车挡	set 套	7	22,486.30	157,404.10	220,365.74	37,098,793	-

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4.4	Rail lubricator	钢轨涂油器	set 套	34	7,495.43	254,844.62	356,782.47	60,064,685	3,533,217
4.5	Anti-off guard rail	防脱护轨	m 米	5532	120.46	666,384.72	932,938.61	157,061,148	5,394,363
4.6	Signal mark	信号标志	lot 项	1	115,945.24	115,945.24	162,323.34	27,327,296	1,106,755
4.7	Wheel stopper	止轮器	Set 套	28	4,474.23	125,278.44	175,389.82	29,527,051	-
4.8	Joint splint 60kg	接头夹板 60kg	Nos. 个	1764	37.47	66,097.08	92,535.91	15,578,513	883,136
4.9	Joint splint 50kg	接头夹板 50kg	Nos. 个	2730	30.78	84,029.40	117,641.16	19,805,007	-
4.10	High strength joint bolt cap	高强度接头螺栓带帽	Nos. 个	14482	2.02	29,253.64	40,955.10	6,894,831	142,829
4.11	Stray current terminal 120	防迷流端子 120	Nos. 个	66373	29.45	1,954,684.85	2,736,558.79	460,702,409	19,948,755
4.12	HRB400 grade rebar	HRB400级钢筋	Kg 千克	2316215	0.81	1,876,134.15	2,626,587.81	442,188,684	25,804,927
4.13	HPB300 grade rebar	HPB300级钢筋	Kg 千克	984574	0.81	797,504.94	1,116,506.92	187,965,056	7,131,635
4.14	Prestress steel wire	预应力钢丝	Kg 千克	72260	0.86	62,143.60	87,001.04	14,646,712	-
4.15	Mild steel wire	低碳钢丝	Kg 千克	31740	0.86	27,296.40	38,214.96	6,433,527	-
4.16	Csting for the Contact rail	接触轨用套管	Nos. 个	28120	0.80	22,496.00	31,494.40	5,302,114	218,722
4.17	Rod for the rail gauge	轨距拉杆	Nos. 个	50	55.59	2,779.50	3,891.30	655,104	-
4.18	Short sleeper fabrication	预制短轨枕	Piece 块	181342	53.54	9,709,050.68	13,592,670.95	2,288,339,747	175,365,097
4.19	Long sleeper fabrication	预制长轨枕	Piece 块	12329	93.69	1,155,104.01	1,617,145.61	272,248,081	-
5	Commissioning and testing of Track								
5.1	Trackbed construction and track laying of the mainline and subline at elevated section		Item 项	1	2,167,384.39	2,167,384.39	3,034,338.15	510,833,861	281,469,458

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5.2	Trackbed construction and track laying in underground section of the mainline	正线地下段道床施工及铺轨	Item 项	1	5,371,799.50	5,371,799.50	7,520,519.30	1,266,086,945	597,593,038
5.3	Rail welding, stress relieving and locking from start to end	起点~终点焊轨、应力放散及锁定	Item 项	1	2,017,559.42	2,017,559.42	2,824,583.19	475,521,404	40,894,841
5.4	Construction of track laying base (include)	铺轨基地建设 (含营地及仓库)	Nos. 处	2	2,470,693.44	4,941,386.88	6,917,941.63	1,164,642,392	34,939,272
5.5	Mainline marker and signal marker	正线线路及信号标志	Item 项	1	90,176.94	90,176.94	126,247.72	21,253,929	1,955,361
5.6	Marker installation of the Depot	车辆段标志安装	Item 项	1	793.48	793.48	1,110.87	187,016	15,709
	<b>总计 Total</b>					<b>57,793,081.76</b>	<b>80,910,314</b>	<b>13,621,332,350</b>	<b>1,587,032,754</b>

## LRMTS Orange Line Schedule of Price for High Voltage Substation-Equipment & Installation

USD = PKR 168.351/-

Item	DESCRIPTION	中文设备名称	单位 unit	数量 quantity	单价 unit price USD		合价 total price USD		合计 Total USD	Total USD including duties	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>1</b>												
1.1	132/33kV main transformer 16MVA	132/33kV 主变压器 16MVA	set	4	466,386.86	67,940.03	1,865,547.44	271,760.12	2,137,307.56	2,992,230.58	503,745,011.05	75,561,751.66
1.2	132/33kV main transformer 10MVA	132/33kV 主变压器 10MVA	set	4	409,739.77	67,940.03	1,638,959.08	271,760.12	1,910,719.20	2,675,006.88	450,340,083.25	67,551,012.49
1.3	dry type transformer	站用变压器630kVA	set	4	40,793.46	2,817.80	163,173.84	11,271.20	174,445.04	244,223.06	41,115,195.70	6,167,279.36
1.4	133kV gas insulated switchgear	132kV 组合电器(GIS)	set	18	328,110.65	56,379.58	5,905,991.70	1,014,832.44	6,920,824.14	9,689,153.80	1,631,178,730.71	244,676,809.61
1.5	33kV AIS high voltage incoming and outgoing cabinet	33kV AIS 高压进出线开关柜	set	24	62,630.87	4,988.05	1,503,140.88	119,713.20	1,622,854.08	2,271,995.71	382,492,750.11	57,373,912.52
1.6	33kV AIS high voltage busbar tie cabinet	33kV AIS 母联开关柜	set	4	55,551.83	4,605.19	222,207.32	18,420.76	240,628.08	336,879.31	56,713,969.05	8,507,095.36
1.7	33kV AIS high voltage busbar tie lifting cabinet	33kV AIS 母联提升开关柜	set	4	28,227.76	2,213.26	112,911.04	8,853.04	121,764.08	170,469.71	28,698,746.48	4,304,811.97
1.8	33kV AIS high voltage feeder cabinet	33kV AIS 高压馈线开关柜	set	20	57,406.67	4,605.19	1,148,133.40	92,103.80	1,240,237.20	1,736,332.08	292,313,242.00	43,846,986.30
1.9	33kV AIS high voltage mutual inductor cabinet	33kV AIS 母互开关柜	set	8	38,700.04	2,979.17	309,600.32	23,833.36	333,433.68	466,807.15	78,587,450.85	11,788,117.63
1.10	AC power supply device	交流电源屏	set	2	51,817.75	7,730.15	103,635.50	15,460.30	119,095.80	166,734.12	28,069,855.84	4,210,478.38
1.11	DC power supply device	直流电源屏 (200Ah*2)	set	2	122,566.97	5,877.46	245,133.94	11,754.92	256,888.86	359,644.40	60,546,495.06	9,081,974.26
1.12	main transformer station integrated automation system	主所综合自动化系统	set	2	124,238.18	8,645.25	248,476.36	17,290.50	265,766.86	372,073.60	62,638,963.31	9,395,844.50
1.13	main control panel of integrated automation system	综自系统主控盘	set	2	75,658.61	671.14	151,317.22	1,342.28	152,659.50	213,723.30	35,980,531.28	5,397,079.69
1.14	voltage regulation panel of main transformer	主变调压盘	set	4	3,998.15	671.14	15,992.60	2,684.56	18,677.16	26,148.02	4,402,045.99	660,306.90
1.15	metering panel	电度表盘	set	4	28,023.96	671.14	112,095.84	2,684.56	114,780.40	160,692.56	27,052,753.17	4,057,912.98
1.16	132kV GIS protection panel	132kV 配电间隔保护盘	set	8	84,843.58	13,600.74	678,748.64	108,805.92	787,554.56	1,102,576.38	185,619,836.82	27,842,975.52
1.17	main transformer protection panel	主变压器保护控制盘	set	8	71,692.33	12,823.05	573,538.64	102,584.40	676,123.04	946,572.26	159,356,385.87	23,903,457.88
1.18	power cabinet、control cabinet	补偿装置功率柜、控制柜	set	8	179,479.40	13,842.72	1,435,835.20	110,741.76	1,546,576.96	2,165,207.74	364,514,888.91	54,677,233.34
1.19	isolating transformer	补偿装置隔离变压器	set	8	90,454.09	7,206.51	723,632.72	57,652.08	781,284.80	1,093,798.72	184,142,108.31	27,621,316.25
1.20	grounding transformer 1250kVA	接地变压器 1250kVA	set	8	81,576.81	4,068.82	652,614.48	32,550.56	685,165.04	959,231.06	161,487,507.51	24,223,126.13
1.21	earthing resistance cabinet 30 Ohm	主变压器接地电阻 30欧姆	set	8	50,439.09	3,522.38	403,512.72	28,179.04	431,691.76	604,368.46	101,746,035.28	15,261,905.29

## LRMTS Orange Line Schedule of Price for High Voltage Substation-Equipment & Installation

USD = PKR 168.351/-

Item	DESCRIPTION	中文设备名称	单位 unit	数量 quantity	单价 unit price USD		合价 total price USD		合计 Total USD	Total USD including duties	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
1.22	crane ( in 132kV GIS room)	吊车 (安装于132kV GIS室)	set	2	80,413.35	6,599.92	160,826.70	13,199.84	174,026.54	243,637.16	41,016,558.85	6,152,483.83
1.23	ground grid (including Horizontal grounding body, Vertical grounding body, resistance reducing agent)	室外接地网 (含水平接地体、垂直接地体、降阻剂)	lot	2	133,290.04	20,556.71	266,580.08	41,113.42	307,693.50	430,770.90	72,520,711.79	10,878,106.77
<b>2</b>										0.00	0.00	0.00
2.1	power cable AC132kV 1*500mm2	电力电缆 AC132kV 1*500	lot	1	311,281.10	29,078.88	311,281.10	29,078.88	340,359.98	476,503.97	80,219,920.19	12,032,988.03
2.2	power cable AC33kV 1*500mm2	电力电缆 AC33kV 1*500mm2	lot	1	432,262.93	42,863.55	432,262.93	42,863.55	475,126.48	665,177.07	111,983,225.25	16,797,483.79
2.3	power cable AC33kV 1*70mm2	电力电缆 AC33kV 1*70mm2	lot	1	186,749.16	14,774.47	186,749.16	14,774.47	201,523.63	282,133.08	47,497,386.49	7,124,607.97
2.4	single core 132kV indoor heat shrinkable cable terminal head 500mm2 (set)	单芯132kV户内冷缩式电缆终端头 500mm2 (成套)	set	72	8,148.94	1,136.58	586,723.68	81,833.76	668,557.44	935,980.42	157,573,239.01	23,635,985.85

## LRMTS Orange Line Schedule of Price for High Voltage Substation-Equipment & Installation

USD = PKR 168.351/-

Item	DESCRIPTION	中文设备名称	单位 unit	数量 quantity	单价 unit price USD		合价 total price USD		合计 Total USD	Total USD including duties	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
2.5	single core 33kV indoor heat shrinkable cable terminal head 500mm2 (set)	单芯33kV户内冷缩式电缆终端头 500mm2 (成套)	set	48	242.11	47.49	11,621.28	2,279.52	13,900.80	19,461.12	3,276,299.01	491,444.85
2.6	single core 33kV indoor heat shrinkable cable terminal head 70mm2 (set)	单芯33kV户内冷缩式电缆终端头 70mm2 (成套)	set	120	142.91	47.49	17,149.20	5,698.80	22,848.00	31,987.20	5,385,077.11	807,761.57
2.7	132kV side steel bracket	主变132kV侧钢支架	set	8	2,523.64	291.88	20,189.12	2,335.04	22,524.16	31,533.82	5,308,750.80	796,312.62
2.8	33kV side steel bracket	主变33kV侧钢支架	set	8	4,900.33	566.41	39,202.64	4,531.28	43,733.92	61,227.49	10,307,708.83	1,546,156.32
2.9	33kV support insulator	33kV支持绝缘子	set	48	376.61	72.58	18,077.28	3,483.84	21,561.12	30,185.57	5,081,770.56	762,265.58
2.10	AC1kV earthing cable 1*300mm2	AC1kV接地电缆 1*300mm2	lot	1	274,348.92	27,788.26	274,348.92	27,788.26	302,137.18	422,992.05	71,211,134.95	10,681,670.24
2.11	AC DC power supply cable 3*4mm2	交直流电源电缆 3*4mm2	lot	1	55,731.81	11,877.78	55,731.81	11,877.78	67,609.59	94,653.43	15,934,998.92	2,390,249.84
2.12	control cable 10*2.5mm2	控制电缆 10*2.5mm2	lot	1	331,043.26	30,034.04	331,043.26	30,034.04	361,077.30	505,508.22	85,102,814.35	12,765,422.15
2.13	cable steel bracket (H type、galvanization steel bracket、five layer, wide:800mm, high:1400mm)	电缆支架 (H型镀锌钢支架、五层, 800mm宽, 1400mm高)	lot	1	159,826.62	21,983.83	159,826.62	21,983.83	181,810.45	254,534.63	42,851,159.50	6,427,673.92
		<b>Total</b>					<b>21,085,812.66</b>	<b>2,657,155.23</b>	<b>23,742,967.89</b>	<b>33,240,155</b>	<b>5,596,013,342</b>	<b>839,402,001</b>



**LRMTS Orange Line Schedule of Price for TSS-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 unit	数量 quantity	单价 unit price USD		合价 total price USD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>1</b>												
1.1	33kV AIS high voltage incoming and outgoing cabinet	33kV AIS 高压进出线开关柜	set	60	62,630.87	5,104.23	3,757,852.20	306,253.80	4,064,106.00	5,689,748.40	957,874,832.89	63,858,322.19
1.2	33kV AIS high voltage busbar tie cabinet	33kV AIS 母联开关柜	set	16	55,551.83	4,700.49	888,829.28	75,207.84	964,037.12	1,349,651.97	227,215,258.46	14,200,953.65
1.3	33kV high voltage busbar tie upgrading cabinet	33kV 母联提升开关柜	set	16	28,227.76	2,322.67	451,644.16	37,162.72	488,806.88	684,329.63	115,207,577.88	7,200,473.62
1.4	33kV high voltage feeder cabinet	33kV 高压馈线开关柜	set	32	57,406.67	4,881.35	1,837,013.44	156,203.20	1,993,216.64	2,790,503.30	469,784,020.38	29,361,501.27
1.5	33kV AIS high voltage transformer cabinet	33kV AIS 母互开关柜	set	32	38,700.04	3,057.29	1,238,401.28	97,833.28	1,336,234.56	1,870,728.38	314,938,994.17	19,683,687.14
1.6	AIS empty cabinet (for elevated station)	33kV AIS 空柜 (高架站)	lot	1	224,169.37	19,996.11	224,169.37	19,996.11	244,165.48	341,831.67	57,547,703.81	57,547,703.81
1.7	rectifier cabinet	整流器	set	32	56,575.54	5,507.98	1,810,417.28	176,255.36	1,986,672.64	2,781,341.70	468,241,655.86	29,265,103.49
1.8	rectifier transformer(dry-type)	整流变压器 (干式)	set	32	101,194.70	9,851.93	3,238,230.40	315,261.76	3,553,492.16	4,974,889.02	837,527,542.08	52,345,471.38
1.9	negative cabinet	负极柜	set	17	62,930.32	5,044.49	1,069,815.44	85,756.33	1,155,571.77	1,617,800.48	272,358,328.27	16,021,078.13
1.10	OVPD cabinet	钢轨电位限制装置	set	30	46,584.14	4,535.26	1,397,524.20	136,057.80	1,533,582.00	2,147,014.80	361,452,088.59	24,096,805.91
1.11	DC incoming line swithgear cabinet(circuit breaker)	直流进线开关柜	set	32	85,433.25	5,763.04	2,733,864.00	184,417.28	2,918,281.28	4,085,593.79	687,813,800.48	42,988,362.53
1.12	DC incoming feeder swithgear cabinet(circuit breaker)	直流馈线开关柜	set	67	93,480.27	5,928.63	6,263,178.09	397,218.21	6,660,396.30	9,324,554.82	1,569,798,128.50	93,719,291.25
1.13	DC circuit breaker handcart cabinet	直流手车柜 (含断路器手车)	set	16	57,691.76	0.00	923,068.16	0.00	923,068.16	1,292,295.42	217,559,226.93	13,597,451.68
1.14	DC terminal cabinet	直流端子柜	set	16	19,089.02	1,858.43	305,424.32	29,734.88	335,159.20	469,222.88	78,994,141.07	4,937,133.82
1.15	DC three set electric isolating switch	电动三台直流隔离开关柜	set	28	70,626.38	6,875.91	1,977,538.64	192,525.48	2,170,064.12	3,038,089.77	511,465,450.53	36,533,246.47
1.16	DC one set electric isolating switch	电动单极直流隔离开关柜	set	30	26,786.20	2,607.81	803,586.00	78,234.30	881,820.30	1,234,548.42	207,837,461.06	0.00
1.17	DC one set manual isolating switch	手动单极直流隔离开关柜	set	25	17,144.62	1,669.13	428,615.50	41,728.25	470,343.75	658,481.25	110,855,976.92	0.00
1.18	emergency cut-off and blue light system and accessories	蓝灯系统及附件	lot	1	99,090.15	9,647.04	99,090.15	9,647.04	108,737.19	152,232.07	25,628,420.54	1,973,388.38
1.19	DC power supply device	直流电源屏	set	16	81,120.83	7,897.61	1,297,933.28	126,361.76	1,424,295.04	1,994,013.06	335,694,091.99	20,980,880.75
1.20	AC power supply device	交流电源屏	set	16	22,938.37	2,233.19	367,013.92	35,731.04	402,744.96	563,842.94	94,923,523.47	5,932,720.22
1.21	return current container	回流箱	set	42	1,448.18	140.99	60,823.56	5,921.58	66,745.14	93,443.20	15,731,255.49	749,107.40
1.22	Stray current protection system	杂散电流防护系统杂散电流防护系统	lot	1	2,273,493.38	216,904.87	2,273,493.38	216,904.87	2,490,398.25	3,486,557.55	586,965,450.10	47,544,201.46
<b>2</b>					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.1	DC750V cable and accessories	DC750V直流电缆及其附件	lot	1	8,728,220.49	960,432.84	8,728,220.49	960,432.84	9,688,653.33	13,564,114.66	2,283,532,267.46	221,502,629.94
2.2	power cable AC33kV 1*120mm2	电力电缆 AC33kV 1*120mm2	lot	1	7,328,490.08	878,478.60	7,328,490.08	878,478.60	8,206,968.68	11,489,756.15	1,934,311,937.95	156,679,266.97
2.3	power cable AC33kV 1*150mm2	电力电缆 AC33kV 1*150mm2	lot	1	8,399,520.67	1,112,634.77	8,399,520.67	1,112,634.77	9,512,155.44	13,317,017.62	2,241,933,232.67	181,596,591.85
2.4	power cable AC33kV 1*70mm2	电力电缆 AC33kV 1*70mm2	lot	1	157,887.93	19,500.33	157,887.93	19,500.33	177,388.26	248,343.56	41,808,887.34	2,508,533.24

**LRMTS Orange Line Schedule of Price for TSS-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 unit	数量 quantity	单价 unit price USD		合价 total price USD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
2.5	single core 33kV indoor cool shrinkable cable joint (set)	单芯33kV户内冷缩式电缆头(成套)	lot	1	168,393.16	16,394.11	168,393.16	16,394.11	184,787.27	258,702.18	43,552,770.37	2,613,166.22
2.6	control cable bilateral intertrip	控制电缆 双边联跳电缆	lot	1	415,791.83	40,479.87	415,791.83	40,479.87	456,271.70	638,780.38	107,539,315.75	8,710,684.58
2.7	control cable optical fiber calbe	控制电缆 光纤电缆	lot	1	282,328.16	27,486.37	282,328.16	27,486.37	309,814.53	433,740.34	73,020,620.32	5,914,670.25
2.8	control cable atresia cable between station	控制电缆 所间闭锁电缆	lot	1	351,113.10	34,183.01	351,113.10	34,183.01	385,296.11	539,414.55	90,810,979.58	7,355,689.35
2.9	AC1kV earthing cable 1*300mm2	AC1kV接地电缆 1*300mm2	lot	1	626,766.69	61,019.56	626,766.69	61,019.56	687,786.25	962,900.75	162,105,304.16	7,132,633.38
2.10	AC DC power supply calbe 3*4mm2	交直流电源电缆 3*4mm2	lot	1	119,996.13	11,682.36	119,996.13	11,682.36	131,678.49	184,349.89	31,035,487.66	1,365,561.46
2.11	control cable 10*2.5mm2	控制电缆 10*2.5mm2	lot	1	300,052.02	29,211.89	300,052.02	29,211.89	329,263.91	460,969.47	77,604,671.92	3,414,605.56
2.12	cable steel bracket (H type、galvanization steel bracket、five layer, wide:800mm, high:1300m m)	电缆支架 (H型镀锌钢支架、五层, 800mm宽, 1300mm高)	lot	1	498,458.20	48,527.95	498,458.20	48,527.95	546,986.15	765,780.61	128,919,931.47	5,672,476.98
2.13	Control cable emergency cut-off system control cable	控制电缆 紧急切断系统控制电缆	lot	1	351,113.10	34,183.01	351,113.10	34,183.01	385,296.11	539,414.55	90,810,979.58	7,355,689.35
					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Third rail and accessories	接触轨系统及附件	lot	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.1	aluminum-steel rail	钢铝复合轨	lot	1	18,665,963.56	1,817,245.53	18,665,963.56	1,817,245.53	20,483,209.09	28,676,492.73	4,827,716,226.91	391,045,014.38
3.2	protective cover for third rail	三轨防护罩	lot	1	8,476,841.69	1,005,969.35	8,476,841.69	1,005,969.35	9,482,811.04	13,275,935.46	2,235,017,009.95	181,036,377.81
3.3	EPR insulated cables 185mm2	乙丙橡胶直流电缆185mm2	lot	1	4,878,740.16	469,271.97	4,878,740.16	469,271.97	5,348,012.13	7,487,216.98	1,260,480,466.14	88,233,632.63
3.4	DC750V cable 1*150mm2	DC750V 150mm <sup>2</sup> 排、均、续流电缆	lot	1	1,093,012.11	105,022.45	1,093,012.11	105,022.45	1,198,034.56	1,677,248.38	282,366,442.69	22,871,681.86
3.5	DC750V cable 1*95mm2	DC750V 95mm <sup>2</sup> 连接电缆	lot	1	442,693.06	42,159.97	442,693.06	42,159.97	484,853.03	678,794.24	114,275,689.43	9,256,330.84
3.6	measurement cable 1-pin 2.5mm2	1芯2.5mm <sup>2</sup> 测量电缆	lot	1	21,288.33	2,072.55	21,288.33	2,072.55	23,360.88	32,705.23	5,505,958.51	445,982.64
3.7	telecommunication cable 4-pin 2.5mm2	4芯2.5mm <sup>2</sup> 通信电缆	lot	1	705,852.42	68,719.04	705,852.42	68,719.04	774,571.46	1,084,400.04	182,559,831.81	14,787,346.38
3.8	power cable 3-pin 2.5mm2	3芯2.5mm <sup>2</sup> 电源电缆	lot	1	133,198.80	12,967.72	133,198.80	12,967.72	146,166.52	204,633.13	34,450,191.73	2,790,465.53
3.9	telecommunication cable 6-pin 2.5mm2	6芯2.5mm <sup>2</sup> 通信电缆	lot	1	60,573.28	5,897.05	60,573.28	5,897.05	66,470.33	93,058.46	15,666,485.14	1,268,985.30
	<b>Total</b>	<b>Total</b>					95,653,821.02	9,527,953.19	105,181,774.21	147,254,484	24,790,439,618	1,906,094,901

**LRMTS Orange Line Schedule of Price for LPS-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 unit	数量 quantity	单价 unit price USD		合价 total price USD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>1</b>	<b>Equipments</b>	设备										
1.1	33kV AIS high voltage incoming and outgoing cabinet	33kV AIS高压进出线柜	set	108	62,630.87	4,901.36	6,764,133.96	529,346.88	7,293,480.84	10,210,873.18	1,719,010,710	127,334,127
1.2	33kV AIS high voltage busbar tie cabinet	33kV AIS高压母联柜	set	28	55,551.83	4,513.67	1,555,451.24	126,382.76	1,681,834.00	2,354,567.60	396,393,810	28,313,844
1.3	33kV high voltage busbar tie upgrading cabinet	33kV AIS高压母联提升柜	set	28	28,227.76	2,230.35	790,377.28	62,449.80	852,827.08	1,193,957.91	201,004,008	14,357,429
1.4	33kV high voltage feeder cabinet	33kV AIS高压馈线柜	set	62	57,406.67	4,687.34	3,559,213.54	290,615.08	3,849,828.62	5,389,760.07	907,371,497	58,540,097
1.5	33kV high voltage transformer cabinet	33kV AIS高压互感器柜	set	56	38,700.04	2,935.78	2,167,202.24	164,403.68	2,331,605.92	3,264,248.29	549,539,464	39,252,819
1.6	33kV high voltage empty cabinet	33kV AIS空柜	lot	1	413,851.14	35,448.65	413,851.14	35,448.65	449,299.79	629,019.71	105,896,097	105,896,097
1.7	33kV high voltage isolation cabinet	33kV AIS隔离柜	set	6	26,758.53	2,230.35	160,551.18	13,382.10	173,933.28	243,506.59	40,994,578	0
1.8	AC DC power supply device	交直流电源装置	set	28	103,918.23	9,730.22	2,909,710.44	272,446.16	3,182,156.60	4,455,019.24	750,006,944	53,571,925
1.9	0.4kV low voltage switch cabinet (incoming cabinet)	0.4kV低压开关柜 (进线)	station	31	34,639.42	3,243.42	1,073,822.02	100,546.02	1,174,368.04	1,644,115.26	276,788,447	17,857,319
1.10	0.4kV low voltage switch cabinet (feeder cabinet)	0.4kV低压开关柜 (馈出)	station	31	233,993.19	21,909.63	7,253,788.89	679,198.53	7,932,987.42	11,106,182.39	1,869,736,911	120,628,188
1.11	0.4kV low voltage switch cabinet (active filter and reactive power compensation device)	0.4kV低压开关柜 (有源滤波和无功补偿柜)	set	62	26,951.21	2,523.53	1,670,975.02	156,458.86	1,827,433.88	2,558,407.43	430,710,450	27,787,771
1.12	environmental control cabinet	环控电控柜	station	2	459,502.45	43,024.91	919,004.90	86,049.82	1,005,054.72	1,407,076.61	236,882,754	118,441,377
1.13	diesel generator 400kW (main use)	柴油发电机组 400kW (主用)	set	25	120,817.16	11,312.53	3,020,429.00	282,813.25	3,303,242.25	4,624,539.15	778,545,790	31,141,832
1.14	mobile diesel generator 400kW (main use)	移动式柴油发电机组 400kW (主用)	set	3	136,975.48	12,825.48	410,926.44	38,476.44	449,402.88	629,164.03	105,920,394	0
1.15	diesel generator 1000kW (main use)	柴油发电机组 1000kW (主用)	set	2	455,944.22	42,691.63	911,888.44	85,383.26	997,271.70	1,396,180.38	235,048,363	117,524,182
1.16	UPS 3kVA	UPS 3kVA	set	3	9,425.70	882.56	28,277.10	2,647.68	30,924.78	43,294.69	7,288,705	0
1.17	dry type transformer 35/0.4kV 500kVA	配电变压器 干式 35/0.4kV 500kVA	set	48	40,793.46	3,193.45	1,958,086.08	153,285.60	2,111,371.68	2,955,920.35	497,632,147	20,734,673
1.18	dry type transformer 35/0.4kV 630kVA	配电变压器 干式 35/0.4kV 630kVA	set	2	45,584.80	3,552.90	91,169.60	7,105.80	98,275.40	137,585.56	23,162,667	0
1.19	dry type transformer 35/0.4kV 1000kVA	配电变压器 干式 35/0.4kV 1000kVA	set	4	50,396.92	5,076.52	201,587.68	20,306.08	221,893.76	310,651.26	52,298,451	26,149,225
1.20	dry type transformer 35/0.4kV 1250kVA	配电变压器 干式 35/0.4kV 1250kVA	set	6	62,088.37	5,813.55	372,530.22	34,881.30	407,411.52	570,376.13	96,023,392	0
1.21	dry type transformer 35/0.4kV 2000kVA	配电变压器 干式 35/0.4kV 2000kVA	set	2	83,955.29	7,861.03	167,910.58	15,722.06	183,632.64	257,085.70	43,280,634	0
1.22	enclosed busbar	密集母线	lot	1	670,570.55	62,787.84	670,570.55	62,787.84	733,358.39	1,026,701.75	172,846,266	10,370,776
<b>2</b>		材料								0.00	0	0

## LRMTS Orange Line Schedule of Price for LPS-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 unit	数量 quantity	单价 unit price USD		合价 total price USD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
2.1	AC 33kV 1X70mm <sup>2</sup> power cable	AC 33kV 1X70mm <sup>2</sup> 电力电缆	lot	1	363,076.69	43,060.36	363,076.69	43,060.36	406,137.05	568,591.87	95,723,010	5,743,381
2.2	Low smoke zero halogen fire-retardant power cable WDZBN-	低烟无卤耐火电力电缆 WDBN-YJY23-1 1X240	lot	1	999,218.81	95,093.88	999,218.81	95,093.88	1,094,312.69	1,532,037.77	257,920,090	15,475,205
2.3	Low smoke zero halogen fire flame-retardant power cable (earth)	低烟无卤阻燃电力电缆 (接地)	lot	1	28,698.57	2,687.15	28,698.57	2,687.15	31,385.72	43,940.01	7,397,344	443,841
2.4	AC 33kV 1*70mm <sup>2</sup> power cable terminal	AC 33kV 1X70mm <sup>2</sup> 电缆终端头	lot	1	23,564.22	2,206.40	23,564.22	2,206.40	25,770.62	36,078.87	6,073,914	364,435
2.5	Low smoke zero halogen fire flame-retardant power cable	低烟无卤阻燃电力电缆	lot	1	130,434.72	12,213.05	130,434.72	12,213.05	142,647.77	199,706.88	33,620,853	2,017,251
2.6	Low smoke zero halogen fire flame-retardant control cable	低烟无卤阻燃控制电缆	lot	1	350,392.65	32,808.47	350,392.65	32,808.47	383,201.12	536,481.57	90,317,208	5,419,033
2.7	Rubber insulation pad (width:1000mm;thick:10mm)	橡胶绝缘垫铺设 (宽1000mm, 厚10mm)	lot	1	210,058.25	19,668.48	210,058.25	19,668.48	229,726.73	321,617.42	54,144,615	3,248,677
2.8	Earthing flat steel laying in LPS (-50mm*5mm)	所内接地扁钢敷设 (- 50mmX5mm)	lot	1	257,422.10	24,100.75	257,422.10	24,100.75	281,522.85	394,131.99	66,352,515	3,981,151
		Total					<b>39,434,323.55</b>	<b>3,451,976.19</b>	<b>42,886,300</b>	<b>60,040,820</b>	<b>10,107,932,027</b>	<b>954,594,651</b>

## LRMTS Orange Line Schedule of Price for SCADA-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 unit	数量 quantity	单价 unit price USD		合价 total price USD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>1</b>												
1.1	signal control panel	控制信号屏	set	44	48,765.57	6,776.15	2,145,685.08	298,150.60	2,443,835.68	3,421,369.95	575,991,052.79	39,272,117.24
1.2	workstation and monitor (include software)	工作站及显示器 (含软件)	set		-	-	-	-		-	-	-
1.2.1	Dispatcher workstation and display	调度员工作站及显示器	set	2	9,803.30	1,362.20	19,606.60	2,724.40	22,331.00	31,263.40	5,263,224.65	-
1.2.2	System maintenance workstation	系统维护工作站	set	1	8,771.37	1,218.82	8,771.37	1,218.82	9,990.19	13,986.27	2,354,601.87	-
1.2.3	WEB workstation	WEB工作站	set	1	15,994.86	2,222.54	15,994.86	2,222.54	18,217.40	25,504.36	4,293,684.51	-
1.2.4	Portable maintenance workstation(include signal simulator and software)	便携式维护工作站 (含信号模拟器及软件)	lot	2	5,791.69	804.77	11,583.38	1,609.54	13,192.92	18,470.09	3,109,457.78	-
1.3	System servers (RealTime and history)	实时服务器及历史服务器	set	2	49,145.49	6,828.94	98,290.98	13,657.88	111,948.86	156,728.40	26,385,383.54	-
1.4	Central switch	中心交换机	set	2	7,739.45	1,075.42	15,478.90	2,150.84	17,629.74	24,681.64	4,155,178.10	-
1.5	WEB server	WEB服务器	set	1	12,899.08	1,792.37	12,899.08	1,792.37	14,691.45	20,568.03	3,462,648.42	-
1.6	Repeating system of power supply workshop	车辆段供电车间复示系统	set	1	14,601.76	2,028.96	14,601.76	2,028.96	16,630.72	23,283.01	3,919,717.68	-
1.7	Router,printer,disk arrays and work table,etc.	路由器、打印机、服务器机柜、磁盘阵列、工作台	lot		-	-	-	-		-	-	-
1.7.1	Router	路由器	set	1	1,289.91	179.24	1,289.91	179.24	1,469.15	2,056.81	346,266.02	-
1.7.2	event printer	事件打印机	set	1	1,547.89	215.08	1,547.89	215.08	1,762.97	2,468.16	415,516.87	-
1.7.3	program printer	程序打印机	set	1	1,547.89	215.08	1,547.89	215.08	1,762.97	2,468.16	415,516.87	-
1.7.4	report and screen printer	报表画面拷贝机	set	1	7,739.45	1,075.42	7,739.45	1,075.42	8,814.87	12,340.82	2,077,589.05	-
1.7.5	printer server	打印机服务器	set	1	7,739.45	1,075.42	7,739.45	1,075.42	8,814.87	12,340.82	2,077,589.05	-
1.7.6	disk arrays 5T	磁盘阵列 5T	set	1	10,319.27	1,433.90	10,319.27	1,433.90	11,753.17	16,454.44	2,770,121.09	-
1.7.7	printer table	打印机台	lot	1	2,321.83	322.63	2,321.83	322.63	2,644.46	3,702.24	623,276.48	-
1.7.8	dispatching hall table	调度大厅工作台	lot	1	7,739.45	1,075.42	7,739.45	1,075.42	8,814.87	12,340.82	2,077,589.05	-
1.7.9	computer room work table	机房工作台	lot	2	3,095.79	430.17	6,191.58	860.34	7,051.92	9,872.69	1,662,076.90	-
1.8	UPS (30kVA)	UPS (30kVA)	set	1	54,508.25	3,405.50	54,508.25	3,405.50	57,913.75	81,079.25	13,649,772.82	-
1.9	Monitor terminal box (following the step-down substation)	监控端子箱	set	3	3,095.79	430.17	9,287.37	1,290.51	10,577.88	14,809.03	2,493,115.35	-
<b>2</b>					-	-	-	-		-	-	-
2.1	distribution cable, fiber optic cable and its accessories	配电电缆、光纤电缆及其附件	lot	1	98,289.74	15,053.42	98,289.74	15,053.42	113,343.16	158,680.42	26,714,008.06	-
	<b>Total</b>	<b>Total</b>					<b>2,551,434</b>	<b>351,758</b>	<b>2,903,192</b>	<b>4,064,469</b>	<b>684,257,387</b>	<b>39,272,117</b>



**LRMTS Orange Line Schedule of Price for Communication-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		合价 total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>3</b>	<b>Multiservice Network</b>	<b>传输系统</b>										-
3.1	Core ethernet device	核心层设备										-
3.1.1	Core ethernet switch	核心以太网交换机	台set	2	104,250.00	14910.60	208,500.00	29,821.20	238,321.20	333,649.68	56,170,257.28	-
3.1.2	server	服务器	台set	1	28,476.93	6246.33	28,476.93	6,246.33	34,723.26	48,612.56	8,183,973.76	-
3.1.3	Firewall	防火墙	台set	1	99,909.03	22410.23	99,909.03	22,410.23	122,319.26	171,246.96	28,829,597.64	-
3.1.4	Intrusion detection equipment	入侵检测设备	台set	1	59,109.75	13220.06	59,109.75	13,220.06	72,329.81	101,261.73	17,047,514.18	-
3.2	Fibre distribution frame	光纤配线架	台set	1	625.50	100.75	625.50	100.75	726.25	1,016.75	171,170.88	171,170.88
3.3	Network management device	传输系统网管										-
3.3.1	Network management server (Multiservice network)	传输系统网管服务器	台set	1	10,879.53	2417.94	10,879.53	2,417.94	13,297.47	18,616.46	3,134,099.32	-
3.3.2	Network management workstation for multiservice network	传输系统网管工作站	台set	1	3,753.00	846.28	3,753.00	846.28	4,599.28	6,438.99	1,084,010.74	-
3.3.3	Network management portable computer for multiservice network	传输系统便携式网管终端	台set	1	2,606.25		2,606.25		2,606.25	3,648.75	614,270.71	-
3.3.4	printer	打印机	台set	1	4,860.14		4,860.14		4,860.14	6,804.20	1,145,493.20	-
3.4	Ethernet switch for multiservice network	传输系统交换机	台set	58	58,380.00	11172.88	3,386,040.00	648,027.04	4,034,067.04	5,647,693.86	950,794,908.35	65,572,062.64
3.5	Multiplex Distribution Frame	综合配线架	套set	30	8,340.00	1712.70	250,200.00	51,381.00	301,581.00	422,213.40	71,080,048.10	4,738,669.87
	<b>total</b>	<b>小计</b>					4,054,960.13	774,470.83	4,829,430.96			-
<b>4</b>	<b>Telephone System</b>	<b>电话系统</b>										-
4.1	Center softswitch device	中心软交换设备含双服务器与软件许可										-
4.1.1	core softswitch exchange(host and standby)	软交换核心交换机(含主备)	套set	1	193,905.00	44328.82	193,905.00	44,328.82	238,233.82	333,527.35	56,149,662.56	-
4.1.2	Dispatcher server(host and standby)	调度服务器(含主备)	套set	1	31,275.00	8059.79	31,275.00	8,059.79	39,334.79	55,068.71	9,270,871.72	-
4.1.3	application server	应用服务器	台set	1	28,645.82	6447.83	28,645.82	6,447.83	35,093.65	49,131.11	8,271,271.50	-
4.1.4	relay gateway	中继网关	台set	1	122,564.64	27242.08	122,564.64	27,242.08	149,806.72	209,729.41	35,308,155.57	-

## LRMTS Orange Line Schedule of Price for Communication-Equipment & Installation

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Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		合价 total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
4.1.5	signaling command gateway	信令网关	台set	1	8,813.30	2014.95	8,813.30	2,014.95	10,828.25	15,159.55	2,552,125.40	-
4.1.6	access Ethernet switch	接入交换机	台set	30	1,100.88	402.99	33,026.40	12,089.70	45,116.10	63,162.54	10,633,476.77	708,898.45
4.2	Network management and calculating charge device	电话系统网管及计费设备										-
4.2.1	network management server (Telephone System)	电话系统网管服务器	台set	1	50,680.10	11283.70	50,680.10	11,283.70	61,963.80	86,749.32	14,604,334.77	-
4.2.2	network management workstation for telephone system	电话系统网管工作站	台set	1	10,283.22	2417.94	10,283.22	2,417.94	12,701.16	17,781.62	2,993,554.18	-
4.2.3	Charging terminal	计费终端	台set	1	10,283.22	2417.94	10,283.22	2,417.94	12,701.16	17,781.62	2,993,554.18	-
4.2.4	printer	打印机	台set	1	4,860.14		4,860.14		4,860.14	6,804.20	1,145,493.20	-
4.3	Automatic telephone	自动电话	台set	486	1,251.00		607,986.00		607,986.00	851,180.40	143,297,071.52	4,717,599.06
4.4	Center dispatcher console	中心调度操作台	台set	5	9,989.24	2417.94	49,946.20	12,089.70	62,035.90	86,850.26	14,621,328.12	-
4.5	Main distributing frame (800line)	总配线架 (800线)	台set	1	6,978.50	2417.94	6,978.50	2,417.94	9,396.44	13,155.02	2,214,660.10	-
4.6	Audio Distribution Frame (500line)	音频配线架 (500线)	台set	2	4,774.65	2014.95	9,549.30	4,029.90	13,579.20	19,010.88	3,200,500.66	-
4.7	Central access gateway(for 300 Automatic telephones of OCC)	控制中心接入网关	台set	1	118,845.00	30224.20	118,845.00	30,224.20	149,069.20	208,696.88	35,134,328.44	-
4.8	Access gateway(for 30 Automatic telephones of one station and security center room )	车站接入网关	台set	26	13,552.50	2417.94	352,365.00	62,866.44	415,231.44	581,324.02	97,866,479.42	7,528,190.72
4.9	Access gateway(for 500 Automatic telephones of depot)	车辆段接入网关	台set	1	198,075.00	50373.66	198,075.00	50,373.66	248,448.66	347,828.12	58,557,212.50	-
4.10	Access gateway(for 300 Automatic telephones of stabling yard )	停车场接入网关	台set	1	152,622.00	40298.93	152,622.00	40,298.93	192,920.93	270,089.30	45,469,804.08	-
4.11	Station dispatcher console	车站调度操作台	台set	29	8,262.86	1843.68	239,622.94	53,466.72	293,089.66	410,325.52	69,078,712.29	4,764,049.12



## LRMTS Orange Line Schedule of Price for Communication-Equipment & Installation

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Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		总价 total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
4.12	Local telephone & dispatcher telephone	站内电话&调度电话分机	台set	321	854.14		274,178.94		274,178.94	383,850.52	64,621,618.22	4,428,895.95
4.13	Track side telephone and Emergency telephone	轨旁电话										-
4.13.1	Track side telephone	区间电话	台set	124	690.14		85,577.36		85,577.36	119,808.30	20,169,847.79	1,626,600.63
4.13.2	Emergency telephone	紧急电话	台set	104	873.62		90,856.48		90,856.48	127,199.07	21,414,090.97	1,647,237.77
	<b>total</b>	<b>小计</b>					2,680,939.56	372,070.24	3,053,009.80			-
<b>5</b>	<b>Radio System</b>	<b>无线通信系统</b>										-
5.1	Radio trunk switch devic	无线交换机										-
5.1.1	Radio trunk switch	无线交换机	台set	1	208,500.00	44328.82	208,500.00	44,328.82	252,828.82	353,960.35	59,589,578.55	-
5.1.2	Dispatcher server(host and standby)	调度服务器 (含主备)	套set	1	166,800.00	24179.36	166,800.00	24,179.36	190,979.36	267,371.10	45,012,192.73	-
5.2	Network management device	网管设备										-
5.2.1	Radio system network management server	无线通信系统网管服务器	台set	1	177,225.00	24179.36	177,225.00	24,179.36	201,404.36	281,966.10	47,469,275.57	-
5.2.2	network management workstation for radio system	无线系统网管工作站	台set	2	83,400.00	1611.96	166,800.00	3,223.92	170,023.92	238,033.49	40,073,175.74	-
5.2.3	Network management portable computer for radio system	无线系统便携式网管终端	台set	1	8,340.00		8,340.00		8,340.00	11,676.00	1,965,666.28	-
5.2.4	printer	打印机	台set	1	4,860.14		4,860.14		4,860.14	6,804.20	1,145,493.20	-
5.3	TETRA center dispatcher console	TETRA系统调度台	台set	6	43,785.00	5037.37	262,710.00	30,224.22	292,934.22	410,107.91	69,042,076.42	-
5.4	Optical fiber repeater network management device	光纤直放站网管										-
5.4.1	network management workstation of OFR network	光纤直放站网管工作站	台set	1	5,946.42	1611.96	5,946.42	1,611.96	7,558.38	10,581.73	1,781,445.16	-
5.4.2	printer	打印机	台set	1	4,860.14		4,860.14		4,860.14	6,804.20	1,145,493.20	-
5.5	Repeater	光纤直放站										-
5.5.1	repeater far-end machine	光纤直放站远端机	台set	23	7,512.26	4029.89	172,781.98	92,687.47	265,469.45	371,657.23	62,568,866.33	2,720,385.49
5.5.2	repeater near-end machine	光纤直放站近端机	台set	11	13,529.57	4029.89	148,825.27	44,328.79	193,154.06	270,415.68	45,524,750.82	4,138,613.71

**LRMTS Orange Line Schedule of Price for Communication-Equipment & Installation**

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Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		总价 total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
5.6	TETRA base station	TETRA基站	台set	11	91,740.00	37276.51	1,009,140.00	410,041.61	1,419,181.61	1,986,854.25	334,488,900.52	30,408,081.87
5.7	TETRA outdoor antenna	TETRA基站室外覆盖天线	台set	16	1,055.01	1007.47	16,880.16	16,119.52	32,999.68	46,199.55	7,777,740.78	972,217.60
5.8	TETRA fixed station	TETRA系统固定台	台set	33	7,945.94	2417.94	262,216.02	79,792.02	342,008.04	478,811.26	80,608,353.76	4,885,354.77
5.9	TETRA Handset Radio	TETRA系统便携台	台set	400	1,376.10		550,440.00		550,440.00	770,616.00	129,733,974.22	9,730,048.07
5.10	Omnidirectional antenna, Power divider, Coupler	全向天线、功分器、耦合器	站station	32	3,858.19	877.33	123,462.08	28,074.56	151,536.64	212,151.30	35,715,882.83	2,232,242.68
5.11	on-board radio equipment	车载无线电设备	台set	54	18,973.50	402.99	1,024,569.00	21,761.46	1,046,330.46	1,464,862.64	246,611,090.98	-
	<b>total</b>	<b>小计</b>					4,314,356.21	820,553.07	5,134,909.28			-
<b>6</b>	<b>CCTV System</b>	<b>视频监视系统</b>										-
6.1	Central server	中心服务器										-
6.1.1	central server(host and standby)	中心服务器 (含主备)	套set	1	14,595.00	3425.41	14,595.00	3,425.41	18,020.41	25,228.57	4,247,255.66	-
6.1.2	streaming media server	流媒体服务器	台set	1	11,676.00	2659.73	11,676.00	2,659.73	14,335.73	20,070.02	3,378,808.27	-
6.1.3	CCTV Network management workstation	CCTV网管终端	台set	1	10,867.02	2417.94	10,867.02	2,417.94	13,284.96	18,598.94	3,131,150.82	-
6.1.4	CCTV Network management server	CCTV网管服务器	台set	1	50,040.00	10074.73	50,040.00	10,074.73	60,114.73	84,160.62	14,168,524.87	-
6.1.5	printer	打印机	台set	1	4,860.14		4,860.14		4,860.14	6,804.20	1,145,493.20	-
6.2	Workstation	终端工作站	台set									-
6.2.1	Workstation in OCC	控制中心工作站	台set	5	11,963.73	2659.73	59,818.65	13,298.65	73,117.30	102,364.22	17,233,118.80	-
6.2.2	Workstation in security center room	安全中心工作站	台set	2	11,963.73	2659.73	23,927.46	5,319.46	29,246.92	40,945.69	6,893,247.52	-
6.3	Multipicture separator	多画面分割设备	台set	1	12,510.00	2820.92	12,510.00	2,820.92	15,330.92	21,463.29	3,613,366.00	-
6.4	CCTV Ethernet switch	视频监控交换机	台set	30	7,024.37	1561.58	210,731.10	46,847.40	257,578.50	360,609.90	60,709,037.27	4,047,269.15
6.5	Video server	车站视频服务器	台set	29	10,425.00	2297.04	302,325.00	66,614.16	368,939.16	516,514.82	86,955,787.14	5,996,950.84
6.6	Video Encoder/video decoder	视频编码/解码设备										-
6.6.1	Central video decoder in OCC	OCC中心视频解码器	台set	1	7,226.61	1611.96	7,226.61	1,611.96	8,838.57	12,374.00	2,083,174.94	-
6.6.2	Video Encoder/video decoder in stations	车站视频编/解码器	台set	26	6,146.58	604.48	159,811.08	15,716.48	175,527.56	245,738.58	41,370,336.35	3,182,333.57
6.6.3	Video Encoder/video decoder in depot	车辆段视频编/解码器	台set	1	6,146.58	604.48	6,146.58	604.48	6,751.06	9,451.48	1,591,166.78	-
6.6.4	Video Encoder/video decoder in stabling yard	停车场视频编/解码器	台set	1	6,146.58	604.48	6,146.58	604.48	6,751.06	9,451.48	1,591,166.78	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
6.6.5	Video Encoder/video decoder in security center room	安全中心视频编/解码器	台set	2	6,146.58	604.48	12,293.16	1,208.96	13,502.12	18,902.97	3,182,333.57	-
6.7	Video control terminal	数字视频控制终端										-
6.7.1	Video control terminal in stations	车站数字视频控制终端	台set	52	2,689.65	644.78	139,861.80	33,528.56	173,390.36	242,746.50	40,866,616.69	3,143,585.90
6.7.2	Video control terminal in depot	车辆段数字视频控制终端	台set	4	2,689.65	644.78	10,758.60	2,579.12	13,337.72	18,672.81	3,143,585.90	-
6.7.3	Video control terminal in stabling yard	停车场数字视频控制终端	台set	2	2,689.65	644.78	5,379.30	1,289.56	6,668.86	9,336.40	1,571,792.95	-
6.8	Monitor (includ control keyboard)	监视器 (含控制键盘)	台set	54	3,753.00	1007.47	202,662.00	54,403.38	257,065.38	359,891.53	60,588,099.30	4,488,007.36
6.9	Monitor terminal in stations	站台监视器	台set	52	2,606.25	1208.97	135,525.00	62,866.44	198,391.44	277,748.02	46,759,156.24	3,596,858.17
6.10	IP camera	IP摄像机										-
6.10.1	Fixed focus IP camera	彩色定焦IP摄像机	台set	1,215	948.61	201.49	1,152,561.15	244,810.35	1,397,371.50	1,956,320.10	329,348,445.16	28,462,211.31
6.10.2	PTZ IP camera	彩色云台IP摄像机	台set	237	1,042.50	241.79	247,072.50	57,304.23	304,376.73	426,127.42	71,738,977.62	5,145,833.84
6.10.3	optical fiber transceiver	光纤收发器	台set	1,038	166.80	40.30	173,138.40	41,831.40	214,969.80	300,957.72	50,666,533.12	4,393,052.00
6.10.4	optical transceiver box	光端机箱	台set	82	494.15	110.82	40,520.30	9,087.24	49,607.54	69,450.56	11,692,070.55	285,172.45
6.11	Image synthesizer in stations	图像合成器	台set	52	823.58	201.49	42,826.16	10,477.48	53,303.64	74,625.10	12,563,209.54	966,400.73
6.12	TV wall (2×2)	电视墙 (2×2)	台set	1	21,973.82	6044.84	21,973.82	6,044.84	28,018.66	39,226.12	6,603,757.20	-
	<b>total</b>	<b>小计</b>					3,065,253.41	697,447.36	3,762,700.77			-
<b>7</b>	<b>Public Address System</b>	<b>广播系统</b>										-
7.1	PA center device	中心广播系统设备	台set	1	37,530.00	9470.25	37,530.00	9,470.25	47,000.25	65,800.35	11,077,554.72	-
7.2	Network management device	网管										-
7.2.1	Network management workstation for PA system	广播系统网管终端	台set	1	7,923.00	3022.42	7,923.00	3,022.42	10,945.42	15,323.59	2,579,741.36	-
7.2.2	System portable maintenance computer	系统便携式维护计算机	台set	1	2,710.50		2,710.50		2,710.50	3,794.70	638,841.54	-
7.2.3	printer	打印机	台set	1	4,860.14		4,860.14		4,860.14	6,804.20	1,145,493.20	-
7.3	Center radio control	中心广播控制台	台set	3	7,506.00	2014.95	22,518.00	6,044.85	28,562.85	39,987.99	6,732,018.10	-
7.4	Station Radio control	车站广播控制台	台set	34	3,753.00	1007.47	127,602.00	34,253.98	161,855.98	226,598.37	38,148,062.52	2,244,003.68
7.5	PA station device	车站广播系统设备	套set	29	51,082.50	12734.46	1,481,392.50	369,299.34	1,850,691.84	2,590,968.58	436,192,150.74	30,082,217.29

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
7.6	Platform PA control box	站台广播控制盒	台set	48	2,012.03	604.48	96,577.44	29,015.04	125,592.48	175,829.47	29,601,067.44	1,233,377.81
7.7	Loudspeaker	车站扬声器	台set	3,087	91.74	26.19	283,201.38	80,848.53	364,049.91	509,669.87	85,803,432.96	7,532,468.52
7.8	Noise sensor	噪声传感器	台set	104	3,398.55	805.98	353,449.20	83,821.92	437,271.12	612,179.57	103,061,042.45	7,927,772.50
7.9	Horn Loudspeaker	号筒扬声器	台set	96	93.83	30.22	9,007.68	2,901.12	11,908.80	16,672.32	2,806,801.74	-
	<b>total</b>	<b>小计</b>					2,426,771.84	618,677.45	3,045,449.29			-
<b>8</b>	<b>Passenger Information System</b>	<b>乘客信息系统</b>										-
8.1	The broadcasting management server	编播管理服务器										-
8.1.1	main server(host and standby)	主服务器 (含主备)	套set	1	89,655.00	18053.92	89,655.00	18,053.92	107,708.92	150,792.49	25,386,066.15	-
8.1.2	streaming media server	流媒体服务器	台set	1	178,534.00	30856.89	178,534.00	30,856.89	209,390.89	293,147.25	49,351,632.01	-
8.2	Network management device	网管设备	台set	1								-
8.2.1	PIS Network management server	PIS网管服务器	台set	1	8,963.42	1992.78	8,963.42	1,992.78	10,956.20	15,338.68	2,582,282.12	-
8.2.2	Network management workstation for PIS system	PIS网管终端	台set	1	3,087.89	685.08	3,087.89	685.08	3,772.97	5,282.16	889,256.58	-
8.2.3	Network management portable computer for PIS system	PIS系统便携式网管终端	台set	1	2,126.70	473.51	2,126.70	473.51	2,600.21	3,640.29	612,847.14	-
8.2.4	printer	打印机	台set	1	4,860.14	0.00	4,860.14	0.00	4,860.14	6,804.20	1,145,493.20	-
8.3	Application server	应用服务器	台set	1	23,462.51	4613.10	23,462.51	4,613.10	28,075.61	39,305.85	6,617,179.83	-
8.4	Interface server	接口服务器	台set	1	8,963.42	1992.78	8,963.42	1,992.78	10,956.20	15,338.68	2,582,282.12	-
8.5	Central workstation	中心工作站	台set	4	3,110.82	691.13	12,443.28	2,764.52	15,207.80	21,290.92	3,584,347.67	-
8.6	Disk array (includ. extension cabinet & o/f switch)	磁盘阵列 (含扩展柜及光 switch)	台set	1	32,471.79	7217.54	32,471.79	7,217.54	39,689.33	55,565.06	9,354,433.75	-
8.7	Video Encoder	视频编码器	台set	1	86,254.37	17157.27	86,254.37	17,157.27	103,411.64	144,776.30	24,373,234.21	-
8.8	Audio and video switching matrix	视音频切换矩阵	台set	1	6,173.69	1370.16	6,173.69	1,370.16	7,543.85	10,561.39	1,778,020.57	-
8.9	DVD/VCD Player	DVD/VCD播放机	台set	1	1,142.58	253.88	1,142.58	253.88	1,396.46	1,955.04	329,133.61	-
8.10	Station server	车站服务器	台set	26	16,263.00	3626.90	422,838.00	94,299.40	517,137.40	723,992.36	121,884,837.80	9,375,756.75
8.11	Station workstation	车站工作站	台set	26	3,087.89	685.08	80,285.14	17,812.08	98,097.22	137,336.11	23,120,671.12	1,778,513.16
8.12	LCD display	LCD显示屏	台set	416	3,463.19	781.80	1,440,687.04	325,228.80	1,765,915.84	2,472,282.18	416,211,176.61	32,016,244.35

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
8.13	LCD display controller	LCD显示屏控制器	台set	78	18,865.08	4197.13	1,471,476.24	327,376.14	1,798,852.38	2,518,393.33	423,974,035.84	32,613,387.37
8.14	Vehicle mounted antenna	车载天线										-
8.14.1	Vehicle mounted antenna	车载天线	台set	54	429.51	100.75	23,193.54	5,440.50	28,634.04	40,087.66	6,748,796.98	-
8.14.2	Vehicle access device	车载接入设备	台set	54	2,378.99	533.96	128,465.46	28,833.84	157,299.30	220,219.02	37,074,092.24	-
8.15	PIS Ethernet switch	网络交换机	套set	29	10,502.15	2337.34	304,562.35	67,782.86	372,345.21	521,283.29	87,758,563.83	6,052,314.75
8.16	Wireless access point	无线接入点设备	套set	20	5,108.25	1128.37	102,165.00	22,567.40	124,732.40	174,625.36	29,398,353.98	-
	<b>total</b>	小计					4,431,811.56	976,772.45	5,408,584.01			-
<b>9</b>	<b>Time Distribution System</b>	<b>时钟系统</b>										-
9.1	Primary master clock(host and standby)	一级母钟(含主备)	台set	1	18,765.00	4231.39	18,765.00	4,231.39	22,996.39	32,194.95	5,420,051.35	-
9.2	NTP server	NTP服务器	台set	1	24,696.83	5641.85	24,696.83	5,641.85	30,338.68	42,474.15	7,150,565.96	-
9.3	time receiving apparatus	时间接收设备	台set	1	5,031.11	1208.97	5,031.11	1,208.97	6,240.08	8,736.11	1,470,733.19	-
9.4	Network management device	网管										-
9.4.1	Network management workstation for time distribution system	时钟系统网管终端	台set	1	1,371.93	302.24	1,371.93	302.24	1,674.17	2,343.84	394,587.47	-
9.4.2	printer	打印机	台set	1	4,860.14	0.00	4,860.14	0.00	4,860.14	6,804.20	1,145,493.20	-
9.5	Secondly master clock	二级母钟	台set	29	9,238.64	4029.89	267,920.56	116,866.81	384,787.37	538,702.32	90,691,073.94	6,254,556.82
9.6	Slave clock	数显式子钟										-
9.6.1	small-sized Slave clock	小型子钟	台set	218	1,136.33	257.91	247,719.94	56,224.38	303,944.32	425,522.05	71,637,062.30	3,614,714.15
9.6.2	medium-sized Slave clock	中型子钟	台set	52	754.77	302.24	39,248.04	15,716.48	54,964.52	76,950.33	12,954,664.67	996,512.67
9.6.3	large-sized Slave clock	大型子钟	台set	16	1,736.81	604.48	27,788.96	9,671.68	37,460.64	52,444.90	8,829,150.69	-
9.6.4	Slave clock at station hall	站厅钟	台set	104	1,876.50	805.98	195,156.00	83,821.92	278,977.92	390,569.09	65,752,696.53	5,057,899.73
	<b>total</b>	小计					832,558.51	293,685.72	1,126,244.23			-
<b>10</b>	<b>Access Control System</b>	<b>门禁系统</b>										-
10.1	Central server	控制中心服务器	台set	1	25,020.00	8059.79	25,020.00	8,059.79	33,079.79	46,311.71	7,796,622.02	-
10.2	Access Control System workstation	门禁工作站	台set	29	7,943.85	2417.94	230,371.65	70,120.26	300,491.91	420,688.67	70,823,358.96	4,884,369.58
10.3	Authorization workstation	授权管理工作站	台set	1	7,923.00	2417.94	7,923.00	2,417.94	10,340.94	14,477.32	2,437,270.63	-
10.4	Main control unit	门禁主控制器										-
10.4.1	Main control unit	门禁主控制器	台set	73	3,753.00	2417.94	273,969.00	176,509.62	450,478.62	630,670.07	106,173,936.62	2,908,874.98
10.4.2	ACS Ethernet switch	门禁系统以太网交换机	台set	78	7,214.10	2417.94	562,699.80	188,599.32	751,299.12	1,051,818.77	177,074,741.41	4,540,377.98
10.5	local contral unit	门禁终端	站station	32	67,827.20	11756.16	2,170,470.40	376,197.12	2,546,667.52	3,565,334.53	600,227,633.12	37,514,227.07

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
	<b>total</b>	小计					3,270,453.85	821,904.05	4,092,357.90			-
<b>11</b>	<b>Visual Control Panel</b>	综合显示屏系统										-
11.1	70" DLP display	70" DLP显示屏	台set	24	41,700.00	5037.37	1,000,800.00	120,896.88	1,121,696.88	1,570,375.63	264,374,308.02	-
11.2	visual control equipments	显示屏控制设备										-
11.2.1	DVI matrix	DVI矩阵	台set	1	172,054.20	38707.12	172,054.20	38,707.12	210,761.32	295,065.85	49,674,630.58	-
11.2.2	RGB matrix	RGB矩阵	台set	1	60,048.00	16119.57	60,048.00	16,119.57	76,167.57	106,634.60	17,952,041.21	-
11.2.3	digital Video Processors	数字图像处理器	台set	1	31,275.00	7052.31	31,275.00	7,052.31	38,327.31	53,658.23	9,033,417.35	-
11.2.4	VCP Ethernet switch	网络交换机	台set	1	8,340.00	2014.95	8,340.00	2,014.95	10,354.95	14,496.93	2,440,572.66	-
11.2.5	VCP network management server	VCP网管服务器	台set	1	3,336.00	717.32	3,336.00	717.32	4,053.32	5,674.65	955,332.67	-
11.2.6	VCP workstation	综合显示屏系统工作站	台set	2	1,989.09	443.29	3,978.18	886.58	4,864.76	6,810.66	1,146,582.10	-
	<b>total</b>	小计					1,279,831.38	186,394.73	1,466,226.11			-
<b>12</b>	<b>Public Wireless Communication System</b>	公众无线通信系统										-
12.1	Interface equipment from public network	公网接口设备	套set	2	268,789.86	60448.39	537,579.72	120,896.78	658,476.50	921,867.10	155,197,248.15	77,598,624.08
12.2	Omnidirectional antenna, Power divider, Coupler	全向天线、功分器、耦合器	站station	2	1,461.38	31.67	2,922.76	63.34	2,986.10	4,180.54	703,798.09	351,899.04
	<b>total</b>	小计					540,502.48	120,960.12	661,462.60			-
<b>13</b>	<b>Power Equipment For Communication system</b>	电源系统										-
13.1	Network management workstation for power supply system	电源系统网管终端	套set	1	16,680.00	4029.89	16,680.00	4,029.89	20,709.89	28,993.85	4,881,142.97	-
13.2	AC power distribution cabinet for OCC	控制中心电源屏	套set	1	56,864.20	61442.44	56,864.20	61,442.44	118,306.64	165,629.30	27,883,857.61	-
13.3	UPS for OCC	控制中心UPS	套set	1	126,700.88	17760.00	126,700.88	17,760.00	144,460.88	202,245.23	34,048,187.05	-
13.4	Battery for OCC	控制中心电池	套set	1	15,485.66	4440.00	15,485.66	4,440.00	19,925.66	27,895.92	4,696,306.70	-
13.5	AC power distribution cabinet for Elevated Stations	地上车站电源屏	套set	24	30,971.33	22348.00	743,311.92	536,352.00	1,279,663.92	1,791,529.49	301,605,780.83	12,566,907.53
13.6	UPS for Elevated Stations	地上车站UPS	套set	24	98,545.13	14000.80	2,365,083.12	336,019.20	2,701,102.32	3,781,543.25	636,626,587.34	26,526,107.81
13.7	Battery for Elevated Stations	地上车站电池	套set	24	9,005.62	2960.00	216,134.88	71,040.00	287,174.88	402,044.83	67,684,649.51	2,820,193.73

**LRMTS Orange Line Schedule of Price for Communication-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		合价 total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
13.8	AC power distribution cabinet for Stations,depot and stabling yard	地下站、车辆段、停车场电源屏	套set	4	30,971.33	22348.00	123,885.32	89,392.00	213,277.32	298,588.25	50,267,630.14	12,566,907.53
13.9	UPS for Stations,depot and stabling yard	地下站、车辆段、停车场UPS	套set	4	98,545.13	14000.80	394,180.52	56,003.20	450,183.72	630,257.21	106,104,431.22	26,526,107.81
13.10	Battery for Stations,depot and stabling yard	地下站、车辆段、停车场电池	套set	4	9,005.62	2960.00	36,022.48	11,840.00	47,862.48	67,007.47	11,280,774.92	2,820,193.73
13.11	AC power distribution cabinet for Security Center	安全中心电源屏	套set	1	30,971.33	22348.00	30,971.33	22,348.00	53,319.33	74,647.06	12,566,907.53	-
13.12	UPS for Security Center	安全中心UPS	套set	1	43,407.72	6660.00	43,407.72	6,660.00	50,067.72	70,094.81	11,800,531.02	-
13.13	Battery for Security Center	安全中心电池	套set	1	5,631.15	1184.00	5,631.15	1,184.00	6,815.15	9,541.21	1,606,272.24	-
	<b>total</b>	<b>小计</b>					4,174,359.18	1,218,510.73	5,392,869.91			-
<b>14</b>	<b>Cables &amp; Accessories Of Communication System</b>	<b>电缆及附件</b>										-
14.1	Optical Fibre Cable GYTZA-4FO	光缆GYTZA-4FO	公里k m	170.62	1,267.01	282.09	216,177.25	48,130.20	264,307.45	370,030.43	62,294,992.92	4,381,314.57
14.2	Leaky coaxial cable	漏缆	公里k m	58	19,088.26	3718.62	1,107,119.08	215,679.96	1,322,799.04	1,851,918.66	311,772,357.66	23,651,696.10
14.3	20P local cable	20对电缆	公里k m	54	11,396.61	1674.42	615,416.94	90,418.68	705,835.62	988,169.87	166,359,385.45	12,322,917.44
14.4	power cable	电源线	公里k m	170	421.17	62.46	71,598.90	10,618.20	82,217.10	115,103.94	19,377,863.40	1,367,849.18
14.5	ground lead	地线	公里k m	7	1,771.65	564.18	12,401.55	3,949.26	16,350.81	22,891.13	3,853,745.30	275,267.52
14.6	Telephone cable	电话电缆	公里k m	70	625.50	100.75	43,785.00	7,052.50	50,837.50	71,172.50	11,981,961.55	855,854.40
14.7	radio-frequency cable	敷设射频电缆	公里k m	13	5,421.00	1007.47	70,473.00	13,097.11	83,570.11	116,998.15	19,696,756.22	1,515,135.09
14.8	crosslink ethernet cable	以太网线	公里k m	70	2,085.00	604.48	145,950.00	42,313.60	188,263.60	263,569.04	44,372,111.45	3,169,436.53
14.9	data cable	数据线	公里k m	60	2,085.00	604.48	125,100.00	36,268.80	161,368.80	225,916.32	38,033,238.39	2,535,549.23
14.10	indoor cables & Accessories	室内线缆及附件	套set	32	37,796.00	5609.89	1,209,472.00	179,516.48	1,388,988.48	1,944,583.87	327,372,639.44	20,460,789.96

**LRMTS Orange Line Schedule of Price for Communication-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		合价 total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
14.11	Optical Fibre Cable GYTZA53-12FO	光缆GYTZA53-12FO	公里k m	4	2,502.00	388.48	10,008.00	1,553.92	11,561.92	16,186.69	2,725,045.11	-
14.12	Optical Fibre Cable GYFTA53-48FO	光缆GYFTA53-48FO	公里k m	69.38	3,127.50	805.98	216,985.95	55,918.89	272,904.84	382,066.78	64,321,323.81	-
	<b>total</b>	小计					3,844,487.67	704,517.60	4,549,005.27			
正线车站合计 total for underground station							34,916,285.78	7,605,964.35	42,522,250.13			
设备和安装合计 total for Equipment & Installation							39,192,964.79	8,039,282.51	47,232,247.30	66,125,146	11,132,234,491	688,802,209



## LRMTS Orange Line Schedule of Price for AFC-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CI F)	安装及调试 Installation and commissioning				
<b>一、车辆段 Depot</b>												
<b>1.1</b>	<b>Central Computer System</b>	<b>中央计算机系统</b>										
1.1.1	Main Server (Database and AFC software included)	主服务器(含数据库及线路中心AFC软件)	台Set	2	952,710.22	609.85	1,905,420.44	1,219.70	1,906,640.14	2,669,296.20	449,378,683.89	-
1.1.2	Other Servers	其他服务器			-	-						-
1.1.2.1	Other Servers (Network software included)	其他服务器(含网管软件)	台Set	6	25,034.03	499.08	150,204.18	2,994.48	153,198.66	214,478.12	36,107,606.65	-
1.2.2.2	CC RACK	线路中心机柜	台Set	4	2,557.80	573.95	10,231.20	2,295.80	12,527.00	17,537.80	2,952,506.17	-
1.1.3	Workstation	工作站	台Set	6	4,147.38	124.77	24,884.28	748.62	25,632.90	35,886.06	6,041,454.09	-
1.1.4	Disk Array (Backup software included)	磁盘阵列(含备份软件)	台Set	1	96,445.40	-	96,445.40	0.00	96,445.40	135,023.56	22,731,351.35	-
1.1.5	Tape Library	磁带库			-	-						-
1.1.5.1	Tape Library	磁带库	台Set	1	54,340.22	-	54,340.22	0.00	54,340.22	76,076.31	12,807,522.53	-
1.1.5.2	CD Library	光盘库	台Set	1	1,726.83	-	1,726.83	0.00	1,726.83	2,417.56	406,998.98	-
1.1.6	Portable Computer	便携式计算机			-	-						-
1.1.6.1	Portable Computer	便携式计算机	台Set	2	1,807.50	-	3,615.00	0.00	3,615.00	5,061.00	852,024.41	-
1.1.6.2	Mobile hard disk drive	移动硬盘	台Set	2	162.00	-	324.00	0.00	324.00	453.60	76,364.01	-
1.1.7	Network Equipment	网络设备	套Set	1	301,621.16	27,449.60	301,621.16	27,449.60	329,070.76	460,699.06	77,559,148.12	-
1.1.8	High Speed Printer	高速打印机	台Set	2	7,581.00	-	15,162.00	0.00	15,162.00	21,226.80	3,573,553.01	-
1.1.9	Encoder/Sorter	编码分拣机	台Set	2	71,868.03	-	143,736.06	0.00	143,736.06	201,230.48	33,877,353.21	-

## LRMTS Orange Line Schedule of Price for AFC-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CI F)	安装及调试 Installation and commissioning				
1.1.10	20KVA UPS (Power Distribution Cabinet included)	20KVA UPS电源(含配电柜)	套Set	1	60,888.20	13,475.33	60,888.20	13,475.33	74,363.53	104,108.94	17,526,844.49	-
1.1.11	Tickets Cleaning Equipment	票卡清洗机	台Set	2	63,920.13	1,247.71	127,840.26	2,495.42	130,335.68	182,469.95	30,718,998.89	-
1.1.12	Ticket Inventory Packaging Equipment	票卡封装设备	台Set	3	15,548.95	1,247.71	46,646.85	3,743.13	50,389.98	70,545.97	11,876,484.93	-
1.1.13	High Speed Printer	高速打印机	台Set	1	7,581.00	-	7,581.00	0.00	7,581.00	10,613.40	1,786,776.50	-
1.1.14	Scanner	扫描仪			-	-						-
1.1.14.1	Scanner	扫描仪	台Set	1	883.38	-	883.38	0.00	883.38	1,236.73	208,205.07	-
1.1.14.2	Digital camera	数码相机	台Set	1	1,662.00	-	1,662.00	0.00	1,662.00	2,326.80	391,719.11	-
1.1.15	Ticket Storage Cabinet	票卡存储柜	台Set	4	863.41	-	3,453.64	0.00	3,453.64	4,835.10	813,993.25	-
1.1.16	Transport Carts	运票推车	台Set	6	1,901.51	-	11,409.06	0.00	11,409.06	15,972.68	2,689,017.32	-
1.1.17	Contactless IC card (SJT)	单程票	张pcs.	2E+06	0.60	-	900,000.00	0.00	900,000.00	1,260,000.00	212,122,260.00	-
1.1.18	SAM Card	SAM卡	张pcs.	10000	1.92	-	19,200.00	0.00	19,200.00	26,880.00	4,525,274.88	-
1.1.19	Contactless IC card (SVT)	储值票	张pcs.	200000	2.22	-	444,000.00	0.00	444,000.00	621,600.00	104,646,981.60	-
1.1.20	Clearing Server (Clearing Software included)	清分服务器 (含清分软件)	套lot	2	653,412.69	761.10	1,306,825.38	1,522.20	1,308,347.58	1,831,686.61	308,366,272.82	-
1.1.21	Clearing Switch	清分交换机	套lot	1	57,579.27	6,488.03	57,579.27	6,488.03	64,067.30	89,694.22	15,100,111.63	-
1.1.22	Clearing Router	清分路由器	套lot	1	19,227.19	-	19,227.19	0.00	19,227.19	26,918.07	4,531,683.33	-
1.1.23	Network Security Equipment	网络安全设备	套lot	1	37,313.98	-	37,313.98	0.00	37,313.98	52,239.57	8,794,584.19	-

## LRMTS Orange Line Schedule of Price for AFC-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CI F)	安装及调试 Installation and commissioning				
1.1.24	SAM Card device for Green line compatibility	绿线兼容SAM卡设备	台Set	800	192.15	-	153,720.00	0.00	153,720.00	215,208.00	36,230,482.01	-
<b>1.2</b>	<b>Develop &amp; Training Center (DTC)</b>	<b>维修培训中心</b>			-	-						-
1.2.1	Station Computer (Traning management software included)	车站计算机(含培训中心管理系统)	台Set	2	110,134.02	1,332.55	220,268.04	2,665.10	222,933.14	312,106.40	52,543,423.87	-
1.2.2	Automatic Gate - Entry (AGE)	进站自动检票机	通道Set	1	20,013.25	4,466.80	20,013.25	4,466.80	24,480.05	34,272.07	5,769,737.26	-
1.2.3	Automatic Gate - Exit (AGX)	出站自动检票机	通道Set	1	23,080.12	4,616.52	23,080.12	4,616.52	27,696.64	38,775.30	6,527,859.86	-
1.2.4	Ticket Vending Machine (TVM)	自动售票机	台Set	1	64,911.25	5,819.31	64,911.25	5,819.31	70,730.56	99,022.78	16,670,584.71	-
1.2.5	Ticket Office Machine (TOM)	半自动售票（补）机	台Set	1	10,827.62	1,996.33	10,827.62	1,996.33	12,823.95	17,953.53	3,022,494.73	-
1.2.6	Ticket Reader (TR)	自动查询机	台Set	1	6,103.79	-	6,103.79	0.00	6,103.79	8,545.31	1,438,610.81	-
1.2.7	DTC Printer	DTC打印机	台Set	2	978.20	-	1,956.40	0.00	1,956.40	2,738.96	461,106.65	-
1.2.8	DTC Network Equipment	DTC网络设备			-	-						-
1.2.8.1	DTC 3 layer switch	DTC三层交换机	台Set	2	8,694.04	1,696.88	17,388.08	3,393.76	20,781.84	29,094.58	4,898,100.96	-
1.2.8.2	DTC 2 layer switch	DTC二层交换机	台Set	2	6,263.50	1,190.31	12,527.00	2,380.62	14,907.62	20,870.67	3,513,597.83	-
1.2.9	UPS(15KVA)	15KVA UPS电源	台Set	1	45,878.26	8,983.50	45,878.26	8,983.50	54,861.76	76,806.46	12,930,445.02	-
1.2.10	Emergency Button	紧急按钮	台Set	1	863.41	174.68	863.41	174.68	1,038.09	1,453.33	244,668.89	-
1.2.11	DTC Rack	设备机柜	台Set	1	2,557.80	573.95	2,557.80	573.95	3,131.75	4,384.45	738,126.54	-
1.2.12	AC Power Distribution Cabinet	交流配电柜	台Set	1	5,182.98	499.08	5,182.98	499.08	5,682.06	7,954.88	1,339,212.68	-

## LRMTS Orange Line Schedule of Price for AFC-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
1.2.13	AC Power Distribution Box	交流配电箱	台Set	1	3,186.65	623.85	3,186.65	623.85	3,810.50	5,334.70	898,102.08	-
1.2.14	Portable control devices (PCD)	便携式验票机	台Set	1	1,831.64	-	1,831.64	0.00	1,831.64	2,564.30	431,701.80	-
1.2.15	Ticket Sorting Machine	票卡清点机	台Set	1	2,764.92	-	2,764.92	0.00	2,764.92	3,870.89	651,667.87	-
1.2.16	Banknote Sorting Machine	纸币清点机	台Set	1	11,134.55	-	11,134.55	0.00	11,134.55	15,588.37	2,624,317.68	-
1.2.17	Currency Detector	验钞机	台Set	1	384.29	-	384.29	0.00	384.29	538.01	90,573.85	-
1.2.18	Coin Counter	硬币清点机	台Set	1	2,073.69	-	2,073.69	0.00	2,073.69	2,903.17	488,750.90	-
1.2.20	Workstation for Maintenance Area	维修工区工作站	台Set	1	4,147.38	124.77	4,147.38	124.77	4,272.15	5,981.01	1,006,909.01	-
1.2.21	Network Equipment	网络设备			-	-				0.00	0.00	-
1.2.21.1	MC 3 layer switch	MC三层交换机	台Set	1	8,694.04	1,696.88	8,694.04	1,696.88	10,390.92	14,547.29	2,449,050.48	-
1.2.21.2	MC 2 layer switch	MC二层交换机	台Set	1	6,263.50	1,190.31	6,263.50	1,190.31	7,453.81	10,435.33	1,756,798.91	-
1.2.22	MC Printer	MC打印机	台Set	1	978.20	-	978.20	0.00	978.20	1,369.48	230,553.33	-
1.2.23	Automatic Gate - Reversible (RAG)	双向自动检票机	通道Set	1	23,938.54	5,115.61	23,938.54	5,115.61	29,054.15	40,675.81	6,847,813.29	-
1.2.24	Maintance Workstation in Maintance Center	维修中心工作站	台Set	1	4,147.38	124.77	4,147.38	124.77	4,272.15	5,981.01	1,006,909.01	-
1.2.25	Maintance Tool in Maintance Center	维修工具	台Set	2	3,456.15	-	6,912.30	0.00	6,912.30	9,677.22	1,629,169.66	-
1.2.26	Automatic Gate (Wide) Bi-directional (Bi-AWG)	宽通道自动检票机	通道Set	1	32,430.45	5,614.69	32,430.45	5,614.69	38,045.14	53,263.20	8,966,912.31	-
<b>车辆段合计 total for Depot</b>							<b>6,446,386.51</b>	<b>112,492.84</b>	<b>6,558,879.35</b>			-
<b>二、正线车站 (26座) Main Line Stations (Quantity :26)</b>												-

## LRMTS Orange Line Schedule of Price for AFC-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CI F)	安装及调试 Installation and commissioning				
2.1	equipment	设备										-
2.1.1	Station Computer System	车站计算机系统										-
2.1.1.1	Station Server (OS included)	车站服务器 (含操作系统)	台Set	26	26,441.45	1,522.20	687,477.70	39,577.20	727,054.90	1,017,876.86	171,360,587.26	13,181,583.64
2.1.1.2	SC Workstation	车站工作站	台Set	52	4,147.38	124.77	215,663.76	6,488.04	222,151.80	311,012.52	52,359,268.75	4,027,636.06
2.1.1.3	Automatic Gate - Entry (AGE)	进站自动检票机	通道Set	101	20,013.25	4,466.80	2,021,338.25	451,146.80	2,472,485.05	3,461,479.07	582,743,462.91	98,085,533.36
2.1.1.4	Automatic Gate - Exit (AGX)	出站自动检票机	通道Set	96	23,080.12	4,616.52	2,215,691.52	443,185.92	2,658,877.44	3,722,428.42	626,674,546.26	97,917,897.85
2.1.1.5	Automatic Gate - Reversible (RAG)	双向自动检票机	通道Set	45	23,938.54	5,115.61	1,077,234.30	230,202.45	1,307,436.75	1,830,411.45	308,151,598.02	34,239,066.45
2.1.1.6	Automatic Gate (Wide) Bi-directional (Bi-AWG)	宽通道自动检票机	通道Set	33	32,430.45	5,614.69	1,070,204.85	185,284.77	1,255,489.62	1,757,685.47	295,908,106.22	44,834,561.55
2.1.1.7	Ticket Vending Machine (TVM)	自动售票机	台Set	153	64,911.25	5,819.31	9,931,421.25	890,354.43	10,821,775.68	15,150,485.95	2,550,599,460.51	350,082,278.89
2.1.1.8	Ticket Office Machine (TOM)	半自动售票 (补) 机	台Set	62	10,827.62	1,996.33	671,312.44	123,772.46	795,084.90	1,113,118.86	187,394,673.20	18,134,968.37
2.1.1.9	Ticket Reader (TR)	自动查询机	台Set	31	6,103.79	-	189,217.49	0.00	189,217.49	264,904.49	44,596,935.12	4,315,832.43
2.1.1.10	Printer	打印机	台Set	52	978.20	-	50,866.40	0.00	50,866.40	71,212.96	11,988,773.03	922,213.31
2.1.1.11	UPS (30KVA)	30KVA UPS电源	台Set	24	63,460.97	14,473.42	1,523,063.28	347,362.08	1,870,425.36	2,618,595.50	440,843,171.69	18,368,465.49
2.1.1.12	UPS (40KVA)	40KVA UPS电源	台Set	1	75,975.49	14,972.51	75,975.49	14,972.51	90,948.00	127,327.20	21,435,661.45	-
2.1.1.13	UPS (50KVA)	50KVA UPS电源	台Set	1	92,322.97	17,467.92	92,322.97	17,467.92	109,790.89	153,707.25	25,876,768.57	25,876,768.57
2.1.1.14	Emergency Button	紧急按钮	台Set	26	863.41	174.68	22,448.66	4,541.68	26,990.34	37,786.48	6,361,391.02	489,337.77
2.1.1.15	AC Power Distribution Cabinet	交流配电柜	台Set	26	5,182.98	499.08	134,757.48	12,976.08	147,733.56	206,826.98	34,819,529.58	2,678,425.35

## LRMTS Orange Line Schedule of Price for AFC-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CI F)	安装及调试 Installation and commissioning				
2.1.1.16	AC Power Distribution Box	交流配电箱	台Set	31	3,186.65	623.85	98,786.15	19,339.35	118,125.50	165,375.70	27,841,164.47	2,694,306.24
2.1.1.17	Portable control devices (PCD)	便携式验票机	台Set	52	1,831.64	-	95,245.28	0.00	95,245.28	133,343.39	22,448,493.39	1,726,807.18
2.1.1.18	Ticket Sorting Machine	票卡清点机	台Set	26	2,764.92	-	71,887.92	0.00	71,887.92	100,643.09	16,943,364.51	1,303,335.73
2.1.1.19	Currency Detector	验钞机	台Set	52	384.29	-	19,983.08	0.00	19,983.08	27,976.31	4,709,840.10	362,295.39
2.1.1.20	Transport Carts	运票推车	台Set	52	1,901.51	-	98,878.52	0.00	98,878.52	138,429.93	23,304,816.81	1,792,678.22
2.1.1.21	Ticket storage cabinet	票卡存储柜	台Set	26	863.41	-	22,448.66	0.00	22,448.66	31,428.12	5,290,956.10	610,494.94
2.1.1.22	Coin Counter	硬币清点机	台Set	104	2,073.69	-	215,663.76	0.00	215,663.76	301,929.26	50,830,093.52	3,910,007.19
2.1.1.23	3 layer switch for station	车站三层交换机	台Set	26	8,694.04	1,696.88	226,045.04	44,118.88	270,163.92	378,229.49	63,675,312.53	4,898,100.96
2.1.1.24	2 layer switch for station	车站二层交换机	站station	26	6,263.50	1,190.31	162,851.00	30,948.06	193,799.06	271,318.68	45,676,771.77	5,270,396.74
2.1.1.25	SC Rack	车站设备机柜	台Set	26	2,557.80	573.95	66,502.80	14,922.70	81,425.50	113,995.70	19,191,290.09	1,476,253.08
2.1.1.26	SC Network RACK	车站网络机柜	个set	31	1,996.33	374.31	61,886.23	11,603.61	73,489.84	102,885.78	17,320,923.28	1,676,218.38
<b>2.2</b>	<b>Cables and other</b>	<b>电缆及其他</b>			-	-						-
2.2.1	Cables & Accessories Of AFC System	线缆及材料	站station	28	17,878.00	2,010.00	500,584.00	56,280.00	556,864.00	779,609.60	131,248,055.77	9,374,861.13
2.2.2	Others				-	-						-
2.2.2	Containers	票箱/钱箱			-	-						-
2.2.2.1	Ticket Container	票箱	个set	463	344.37	-	159,443.31	0.00	159,443.31	223,220.63	37,579,416.95	-
2.2.2.2	Coin Container	硬币钱箱	个set	306	414.24	-	126,757.44	0.00	126,757.44	177,460.42	29,875,638.49	-

**LRMTS Orange Line Schedule of Price for AFC-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CI F)	安装及调试 Installation and commissioning				
2.2.2.3	Banknote Container	纸币钱箱	个set	153	3,531.02	-	540,246.06	0.00	540,246.06	756,344.48	127,331,350.23	-
		正线合计 total for Mainline					22,446,205.09	2,944,544.94	25,390,750.03			
		合计 Sum total					<b>28,892,591.60</b>	<b>3,057,037.78</b>	<b>31,949,629.38</b>	<b>44,729,481</b>	<b>7,530,252,878</b>	<b>748,250,324</b>

## LRMTS Orange Line Schedule of Price for FAS-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		合价 Total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>一、正线车站（26座）、车场、中心等 Mainline Stations (Quantity:26) ,Depot,Park,OCC, etc.</b>												
<b>1</b>	<b>Station</b>	<b>车站</b>										
1.1	Local Fire Alarm Panel (LFAP)	本地火灾报警盘	台 set	26	54,928.87	10,472.58	1,428,150.62	272,287.08	1,700,437.70	2,380,612.78	400,778,542.13	30,829,118.63
1.2	Mimic panel	模拟盘	台 set	26	5,899.70	1,124.79	153,392.20	29,244.54	182,636.74	255,691.44	43,045,908.94	3,311,223.76
1.3	Computer Work Station	计算机工作站	台 set	26	28,570.79	1,932.31	742,840.54	50,240.06	793,080.60	1,110,312.84	186,922,276.93	14,378,636.69
1.4	Printer	打印机	台set	26	1,437.11	274.00	37,364.86	7,124.00	44,488.86	62,284.40	10,485,641.70	806,587.82
1.5	UPS (5KVA)	不间断电源UPS (5KV A)	台 set	26	20,422.01	3,893.44	530,972.26	101,229.44	632,201.70	885,082.38	149,004,503.76	11,461,884.90
1.6	Gaseous Extinguishing Control Panel (with	气体灭火控制盘 (带接口模块)	台 set	280	5,324.84	1,015.19	1,490,955.20	284,253.20	1,775,208.40	2,485,291.76	418,401,353.09	29,885,810.93
1.7	Iutput Module	输入模块	台 set	1380	112.64	21.48	155,443.20	29,642.40	185,085.60	259,119.84	43,623,084.18	4,393,919.35
1.8	Output Module	输出模块	台 set	1300	191.18	36.43	248,534.00	47,359.00	295,893.00	414,250.20	69,739,435.42	5,954,674.87
1.9	Smoke Sensing Fire Detectors	感烟探测器	台 set	2500	137.67	26.25	344,175.00	65,625.00	409,800.00	573,720.00	96,586,335.72	11,397,187.61
1.10	Heat Sensing Fire Detectors	感温探测器	台 set	1100	137.67	26.25	151,437.00	28,875.00	180,312.00	252,436.80	42,497,987.72	3,013,493.67
1.11	Manual Call Point	手动报警按钮	台 set	450	136.15	25.97	61,267.50	11,686.50	72,954.00	102,135.60	17,194,630.40	3,095,033.47
1.12	Fire Hydrant Button	消火栓按钮	台 set	450	128.59	24.52	57,865.50	11,034.00	68,899.50	96,459.30	16,239,019.61	2,923,023.53
1.13	Temperature sensitive cable (with control module)	感温电缆 (带控制模块)	150M	260	3,802.30	724.93	988,598.00	188,481.80	1,177,079.80	1,647,911.72	277,427,585.97	39,480,079.54
1.14	Gas Release Indicator	放气指示灯	台 set	400	121.01	23.07	48,404.00	9,228.00	57,632.00	80,684.80	13,583,366.76	950,835.67
1.15	Audible and Visual Alarm Devices	声光报警器	台 set	900	121.01	23.07	108,909.00	20,763.00	129,672.00	181,540.80	30,562,575.22	2,173,338.68
1.16	Emergent on/off button for gas release	气体释放紧急启停按钮	台 set	400	219.36	41.83	87,744.00	16,732.00	104,476.00	146,266.40	24,624,094.71	1,723,686.63
1.17	Interface with Muli Service Network	与多业务网络接口	台 set	26	26,989.15	5,145.49	701,717.90	133,782.74	835,500.64	1,169,700.90	196,920,315.54	15,147,716.58
1.18	DC24V Power Supply Panel	24V直流电源盘	台 set	105	5,445.87	1,038.26	571,816.35	109,017.30	680,833.65	953,167.11	160,466,636.14	12,226,029.42
1.19	Site installation materials (Wires, cables,	车站现场施工材料 (线缆管材桥架)	批batch	26	55,127.37	10,334.29	1,433,311.62	268,691.54	1,702,003.16	2,382,804.42	401,147,507.58	30,857,500.58



**LRMTS Orange Line Schedule of Price for FAS-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		合价 Total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
												-
<b>2</b>	<b>Depot (Including OCC building)</b>	<b>车辆段 (含控制中心大楼)</b>										-
2.1	Local Fire Alarm Panel (LFAP)	本地火灾报警盘	台 set	6	54,928.87	10,472.58	329,573.22	62,835.48	392,408.70	549,372.18	92,487,355.88	-
2.2	Computer Work Station	计算机工作站	台 set	1	28,570.79	1,932.31	28,570.79	1,932.31	30,503.10	42,704.34	7,189,318.34	-
2.3	Printer	打印机	台 set	1	1,437.11	274.00	1,437.11	274.00	1,711.11	2,395.55	403,293.91	-
2.4	UPS (5KVA)	不间断电源UPS (5KVA)	台 set	6	20,422.01	3,893.44	122,532.06	23,360.64	145,892.70	204,249.78	34,385,654.71	-
2.5	Gaseous Extinguishing Control Panel (with interface modules)	气体灭火控制盘 (带接口模块)	台 set	14	5,324.84	1,015.19	74,547.76	14,212.66	88,760.42	124,264.59	20,920,067.65	-
2.6	Iutput Module	输入模块	台 set	250	112.64	21.48	28,160.00	5,370.00	33,530.00	46,942.00	7,902,732.64	-
2.7	Output Module	输出模块	台 set	340	191.18	36.43	65,001.20	12,386.20	77,387.40	108,342.36	18,239,544.65	-
2.8	Smoke Sensing Fire Detectors	感烟探测器	台 set	800	137.67	26.25	110,136.00	21,000.00	131,136.00	183,590.40	30,907,627.43	-
2.9	Heat Sensing Fire Detectors	感温探测器	台 set	70	137.67	26.25	9,636.90	1,837.50	11,474.40	16,064.16	2,704,417.40	-
2.10	Manual Call Point	手动报警按钮	台 set	155	136.15	25.97	21,103.25	4,025.35	25,128.60	35,180.04	5,922,594.91	-
2.11	Fire Hydrant Button	消火栓按钮	台 set	140	128.59	24.52	18,002.60	3,432.80	21,435.40	30,009.56	5,052,139.44	-
2.12	Temperature sensitive cable (with control module)	感温电缆 (带控制模块)	150M	8	3,802.30	724.93	30,418.40	5,799.44	36,217.84	50,704.98	8,536,233.41	-
2.13	Aspirating Smoke Detector	吸气式烟雾探测器	套 set	73	8,764.24	1,670.89	639,789.52	121,974.97	761,764.49	1,066,470.29	179,541,339.12	-
2.14	Combustible gas alarm controller	可燃气体报警控制器	套 set	1	9,529.13	1,812.94	9,529.13	1,812.94	11,342.07	15,878.90	2,673,228.36	-
2.15	Combustible gas alarm detector	可燃气体报警探测器	套 set	15	705.15	21.64	10,577.25	324.60	10,901.85	15,262.59	2,569,472.29	-
2.16	Infrared radiation detector	红外对射探测器	套 set	4	1,966.55	374.93	7,866.20	1,499.72	9,365.92	13,112.29	2,207,466.80	-
2.17	Gas Release Indicator	放气指示灯	套 set	20	121.01	23.07	2,420.20	461.40	2,881.60	4,034.24	679,168.34	-
2.18	Audible and Visual Alarm Devices	声光报警器	套 set	155	121.01	23.07	18,756.55	3,575.85	22,332.40	31,265.36	5,263,554.62	-
2.19	Emergent on/off button for gas release	气体释放紧急启停按钮	套 set	20	219.36	41.83	4,387.20	836.60	5,223.80	7,313.32	1,231,204.74	-
2.20	Interface with Muli Service Network	与多业务网络接口	套 set	1	26,989.15	5,145.49	26,989.15	5,145.49	32,134.64	44,988.50	7,573,858.29	-
2.21	DC24V Power Supply Panel	24V直流电源盘	套 set	30	5,445.87	1,038.26	163,376.10	31,147.80	194,523.90	272,333.46	45,847,610.32	-
2.22	Floor Indicator	楼层显示器	套 set	13	4,840.77	922.90	62,930.01	11,997.70	74,927.71	104,898.79	17,659,816.87	-



## LRMTS Orange Line Schedule of Price for FAS-Equipment & Installation

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Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		合价 Total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>4</b>	<b>H-Voltage Substation</b>	<b>高压变电站</b>										-
4.1	Local Fire Alarm Panel (LFAP)	本地火灾报警盘	台 set	2	54,928.87	10,472.58	109,857.74	20,945.16	130,802.90	183,124.06	30,829,118.63	-
4.2	Computer Work Station	计算机工作站	台 set	2	28,570.79	1,932.31	57,141.58	3,864.62	61,006.20	85,408.68	14,378,636.69	-
4.3	Printer	打印机	台 set	2	1,437.11	274.00	2,874.22	548.00	3,422.22	4,791.11	806,587.82	-
4.4	UPS (5KVA)	不间断电源UPS (5KVA)	台 set	2	20,422.01	3,893.44	40,844.02	7,786.88	48,630.90	68,083.26	11,461,884.90	-
4.5	Gaseous Extinguishing Control Panel (with interface modules)	气体灭火控制盘 (带接口模块)	台 set	22	5,324.84	1,015.19	117,146.48	22,334.18	139,480.66	195,272.92	32,874,392.03	-
4.6	Input Module	输入模块	台 set	300	112.64	21.48	33,792.00	6,444.00	40,236.00	56,330.40	9,483,279.17	-
4.7	Output Module	输出模块	台 set	120	191.18	36.43	22,941.60	4,371.60	27,313.20	38,238.48	6,437,486.35	-
4.8	Smoke Sensing Fire Detectors	感烟探测器	台 set	150	137.67	26.25	20,650.50	3,937.50	24,588.00	34,423.20	5,795,180.14	-
4.9	Heat Sensing Fire Detectors	感温探测器	台 set	20	137.67	26.25	2,753.40	525.00	3,278.40	4,589.76	772,690.69	-
4.10	Manual Call Point	手动报警按钮	台 set	20	136.15	25.97	2,723.00	519.40	3,242.40	4,539.36	764,205.80	-
4.11	Fire Hydrant Button	消火栓按钮	台 set	20	128.59	24.52	2,571.80	490.40	3,062.20	4,287.08	721,734.21	-
4.12	Temperature sensitive cable (with control module)	感温电缆 (带控制模块)	150M	20	3,802.30	724.93	76,046.00	14,498.60	90,544.60	126,762.44	21,340,583.54	-
4.13	Gas Release Indicator	放气指示灯	台 set	50	121.01	23.07	6,050.50	1,153.50	7,204.00	10,085.60	1,697,920.85	-
4.14	Audible and Visual Alarm Devices	声光报警器	台 set	100	121.01	23.07	12,101.00	2,307.00	14,408.00	20,171.20	3,395,841.69	-
4.15	Emergent on/off button for gas release	气体释放紧急启停按钮	台 set	50	219.36	41.83	10,968.00	2,091.50	13,059.50	18,283.30	3,078,011.84	-
4.16	DC24V Power Supply Panel	24V直流电源盘	台 set	6	5,445.87	1,038.26	32,675.22	6,229.56	38,904.78	54,466.69	9,169,522.06	-
4.17	Site installation materials (Wires, cables, conduits and trays) for H-Voltage Substation	高压变电站现场施工材料 (线缆管材桥架)	批 batch	2	131,121.88	22,518.24	262,243.76	45,036.48	307,280.24	430,192.34	72,423,309.96	-
												-
<b>5</b>	<b>OCC System</b>	<b>控制中心系统</b>										-
5.1	Server	服务器	套 set	1	162,227.72	42,082.77	162,227.72	42,082.77	204,310.49	286,034.69	48,154,225.42	-
5.2	Computer Work Station for OCC	OCC工作站	套 set	5	35,257.73	6,721.90	176,288.65	33,609.50	209,898.15	293,857.41	49,471,188.83	-
5.3	UPS (10KVA, 3Hr.)	不间断电源UPS (10KVA, 3Hr.)	套 set	1	37,818.50	7,210.11	37,818.50	7,210.11	45,028.61	63,040.05	10,612,856.13	-

## LRMTS Orange Line Schedule of Price for FAS-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit price USD		合价 Total price USD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
5.4	UPS (5KVA)	不间断电源UPS (5KVA)	套set	1	20,422.01	3,893.44	20,422.01	3,893.44	24,315.45	34,041.63	5,730,942.45	-
5.5	Switcher	交换机	台set	1	25,716.62	4,902.90	25,716.62	4,902.90	30,619.52	42,867.33	7,216,757.54	-
5.6	Printer	打印机	台set	2	1,437.11	274.00	2,874.22	548.00	3,422.22	4,791.11	806,587.82	-
5.7	Cabinet	机柜	台set	2	2,420.39	461.44	4,840.78	922.88	5,763.66	8,069.12	1,358,445.09	-
		合计 Total					<b>13,529,706.58</b>	<b>2,461,527.93</b>	<b>15,991,234.51</b>	<b>22,387,728.31</b>	<b>3,768,996,449.39</b>	<b>224,009,782.36</b>

## LRMTS Orange Line Schedule of Price for FES-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>一、正线车站（26座）、车场、中心等 Mainline Stations（Quantity:26）,Depot,Park,OCC, etc.</b>												
<b>1</b>	Station	车站										
1.1	HFC-227	HFC-227										
1.1.1	70L HFC-227 extinguish cylinder	70L HFC-227灭火剂瓶组	台Set	297	2,489.69	359.66	739,437.93	106,819.02	846,256.95	1,184,759.73	199,455,485.31	21,490,153.30
1.1.2	High-pressure flexible metal tubing (HFC)	高压金属软管（HFC）	个Piece	297	241.07	34.83	71,597.79	10,344.51	81,942.30	114,719.22	19,313,095.41	2,080,872.23
1.1.3	Pressure switch	信号反馈装置	台Set	179	126.45	18.27	22,634.55	3,270.33	25,904.88	36,266.83	6,105,557.43	511,638.89
1.1.4	Safety valve (HFC)	安全泄放装置（HFC）	台Set	28	150.16	21.69	4,204.48	607.32	4,811.80	6,736.52	1,134,099.88	121,510.70
1.1.5	Actuating device	驱动气体瓶组	台Set	179	608.59	87.92	108,937.61	15,737.68	124,675.29	174,545.41	29,384,893.65	2,462,421.26
1.1.6	Actuating cylinder rack	驱动气体瓶组框架	台Set	179	59.27	8.56	10,609.33	1,532.24	12,141.57	16,998.20	2,861,663.63	239,804.21
1.1.7	Storage cylinder rack (HFC)	储瓶框架（HFC）	台Set	297	79.04	11.42	23,474.88	3,391.74	26,866.62	37,613.27	6,332,231.28	682,260.61
1.1.8	Manifold of storage cylinders	储瓶集流管	个Piece	297	88.92	12.85	26,409.24	3,816.45	30,225.69	42,315.97	7,123,935.19	767,562.04
1.1.9	Manifold of selector valves	选择阀集流管	个Piece	179	114.60	16.56	20,513.40	2,964.24	23,477.64	32,868.70	5,533,477.84	463,699.26
1.1.10	DN100 selector valve	DN100 选择阀	台Set	27	2,717.00	392.50	73,359.00	10,597.50	83,956.50	117,539.10	19,787,825.02	1,465,764.82
1.1.11	Outlet tubing of selector valve	选择阀出管组件	台Set	27	252.92	36.54	6,828.84	986.58	7,815.42	10,941.59	1,842,027.28	136,446.47
1.1.12	DN80 selector valve	DN80 选择阀	台Set	8	2,094.44	302.56	16,755.52	2,420.48	19,176.00	26,846.40	4,519,618.29	564,952.29
1.1.13	Outlet tubing of selector valve	选择阀出管组件	台Set	8	252.92	36.54	2,023.36	292.32	2,315.68	3,241.95	545,785.86	68,223.23
1.1.14	DN65 selector valve	DN65 选择阀	台Set	43	1,661.78	240.06	71,456.54	10,322.58	81,779.12	114,490.77	19,274,635.28	2,241,236.66
1.1.15	Outlet tubing of selector valve	选择阀出管组件	台Set	43	252.92	36.54	10,875.56	1,571.22	12,446.78	17,425.49	2,933,599.00	341,116.16
1.1.16	DN50 selector valve	DN50 选择阀	台Set	10	677.78	97.91	6,777.80	979.10	7,756.90	10,859.66	1,828,234.62	182,823.46
1.1.17	Outlet tubing of selector valve	选择阀出管组件	台Set	10	252.92	36.54	2,529.20	365.40	2,894.60	4,052.44	682,232.33	68,223.23
1.1.18	DN40 selector valve	DN40 选择阀	台Set	91	544.70	78.69	49,567.70	7,160.79	56,728.49	79,419.89	13,370,417.23	881,565.97
1.1.19	Outlet tubing of selector valve	选择阀出管组件	台Set	91	252.92	36.54	23,015.72	3,325.14	26,340.86	36,877.20	6,208,314.17	409,339.40
1.1.20	Electric junction box	电器接线盒	台Set	96	33.59	4.85	3,224.64	465.60	3,690.24	5,166.34	869,757.83	72,479.82
1.1.21	Extinguishing agent HFC-227ea	HFC-227ea 药剂	Kg	11200	154.93	14.84	1,735,216.00	166,208.00	1,901,424.00	2,661,993.60	448,149,284.55	43,854,608.56
1.1.22	Gas flow check valve	单向阀（气）	台Set	260	84.97	12.28	22,092.20	3,192.80	25,285.00	35,399.00	5,959,457.05	481,340.76

## LRMTS Orange Line Schedule of Price for FES-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
1.1.23	Actuating tube and flared tube union	启动管路及其组件	套set	28	541.74	78.31	15,168.72	2,192.68	17,361.40	24,305.96	4,091,932.67	13,737,202.54
1.1.24	HFC-227 Nozzle	HFC喷嘴	台Set	827	84.97	12.28	70,270.19	10,155.56	80,425.75	112,596.05	18,955,657.61	1,810,758.10
1.1.25	Low venting high close valve	低泄高封阀	台Set	179	221.31	31.97	39,614.49	5,722.63	45,337.12	63,471.97	10,685,569.28	895,438.77
1.1.26	Leakage alarm unit-HFC	泄漏报警器-HFC	台Set	28	903.00	130.45	25,284.00	3,652.60	28,936.60	40,511.24	6,820,107.77	730,725.83
1.2	CO2	CO2								-	-	-
1.2.1	70L CO2 storage cylinder	70L二氧化碳灭火剂储瓶	台Set	575	1,798.11	259.76	1,033,913.25	149,362.00	1,183,275.25	1,656,585.35	278,887,800.26	21,826,001.76
1.2.2	High-pressure flexible metal tubing (CO2)	高压金属软管 (CO2)	个Piece	575	136.34	19.70	78,395.50	11,327.50	89,723.00	125,612.20	21,146,939.48	1,654,977.87
1.2.3	Pressure switch	信号反馈装置	台Set	65	126.45	18.27	8,219.25	1,187.55	9,406.80	13,169.52	2,217,101.86	170,546.30
1.2.4	Safety valve (CO2)	安全泄放装置 (CO2)	台Set	26	179.81	25.98	4,675.06	675.48	5,350.54	7,490.76	1,261,076.26	97,005.87
1.2.5	Actuating device	驱动气体瓶组	台Set	65	608.59	87.92	39,558.35	5,714.80	45,273.15	63,382.41	10,670,492.11	820,807.09
1.2.6	CO2 weighing device	CO2弹簧秤称重装置	台Set	575	159.13	22.99	91,499.75	13,219.25	104,719.00	146,606.60	24,681,367.72	1,931,585.30
1.2.7	Storage cylinder rack (CO2)	储瓶框架 (CO2)	台Set	575	81.27	11.74	46,730.25	6,750.50	53,480.75	74,873.05	12,604,952.84	986,474.57
1.2.8	Actuating cylinder rack	驱动气体瓶组框架	台Set	65	59.27	8.56	3,852.55	556.40	4,408.95	6,172.53	1,039,151.60	79,934.74
1.2.9	Manifold of storage cylinders	储瓶集流管	个Piece	575	88.92	12.85	51,129.00	7,388.75	58,517.75	81,924.85	13,792,130.42	1,079,384.12
1.2.10	Manifold of selector valves	选择阀集流管	个Piece	65	114.60	16.56	7,449.00	1,076.40	8,525.40	11,935.56	2,009,363.46	154,566.42
1.2.11	DN80 selector valve	DN80 选择阀	台Set	13	2,094.44	302.56	27,227.72	3,933.28	31,161.00	43,625.40	7,344,379.72	564,952.29
1.2.12	Outlet tubing of selector valve	选择阀出管组件	台Set	13	252.92	36.54	3,287.96	475.02	3,762.98	5,268.17	886,902.02	68,223.23
1.2.13	DN65 selector valve	DN65 选择阀	台Set	13	1,661.78	240.06	21,603.14	3,120.78	24,723.92	34,613.49	5,827,215.32	448,247.33
1.2.14	Outlet tubing of selector valve	选择阀出管组件	台Set	13	252.92	36.54	3,287.96	475.02	3,762.98	5,268.17	886,902.02	68,223.23
1.2.15	DN50 selector valve	DN50 选择阀	台Set	13	677.78	97.91	8,811.14	1,272.83	10,083.97	14,117.56	2,376,705.01	182,823.46
1.2.16	Outlet tubing of selector valve	选择阀出管组件	台Set	13	252.92	36.54	3,287.96	475.02	3,762.98	5,268.17	886,902.02	68,223.23
1.2.17	DN32 selector valve	DN32 选择阀	台Set	26	442.96	63.99	11,516.96	1,663.74	13,180.70	18,452.98	3,106,577.64	238,967.51
1.2.18	Outlet tubing of selector valve	选择阀出管组件	台Set	26	252.92	36.54	6,575.92	950.04	7,525.96	10,536.34	1,773,804.05	136,446.47
1.2.19	Electric junction box	电器接线盒	台Set	39	33.59	4.85	1,310.01	189.15	1,499.16	2,098.82	353,339.12	27,179.93
1.2.20	Gas flow check valve	单向阀 (气)	台Set	91	84.97	12.28	7,732.27	1,117.48	8,849.75	12,389.65	2,085,809.97	160,446.92
1.2.21	Actuating tube and flared tube union	启动管路及其组件	套set	26	541.74	78.31	14,085.24	2,036.06	16,121.30	22,569.82	3,799,651.77	14,614,045.26
1.2.22	CO2 nozzle	CO2喷嘴	台Set	780	84.97	12.28	66,276.60	9,578.40	75,855.00	106,197.00	17,878,371.15	1,375,259.32

## LRMTS Orange Line Schedule of Price for FES-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
1.2.23	Low venting high close valve	低泄高封阀	台Set	65	221.31	31.97	14,385.15	2,078.05	16,463.20	23,048.48	3,880,234.66	298,479.59
1.2.24	Leakage alarm unit-CO2	泄漏报警器-CO2	台Set	26	903.00	130.45	23,478.00	3,391.70	26,869.70	37,617.58	6,332,957.21	487,150.55
1.2.25	Pressure Relief Device	泄压阀	台Set	283	553.79	80.00	156,722.57	22,640.00	179,362.57	251,107.60	42,274,215.23	2,390,061.64
1.3	Hot dip galvanized high pressure seamless pipe and fittings (for HFC and CO2 system of stations)	热镀锌高压无缝管及管道附件 (用于车站HFC和CO2系统)	批batch	26	43,418.45	6202.48	1,128,879.70	161,264.48	1,290,144.18	1,806,201.85	304,075,887.99	23,390,452.92
<b>2</b>	<b>Control center</b>	<b>控制中心</b>								-	-	-
2.1	70L HFC-227 extinguish cylinder	70L HFC-227灭火剂瓶组	台Set	20	2,489.69	359.66	49,793.80	7,193.20	56,987.00	79,781.80	13,431,345.81	-
2.2	High-pressure flexible metal tubing (HFC)	高压金属软管 (HFC)	个Piece	20	241.07	34.83	4,821.40	696.60	5,518.00	7,725.20	1,300,545.15	-
2.3	Pressure switch	信号反馈装置	台Set	9	126.45	18.27	1,138.05	164.43	1,302.48	1,823.47	306,983.33	-
2.4	Safety valve (HFC)	安全泄放装置 (HFC)	台Set	2	150.16	21.69	300.32	43.38	343.70	481.18	81,007.13	-
2.5	Actuating device	驱动气体瓶组	台Set	9	608.59	87.92	5,477.31	791.28	6,268.59	8,776.03	1,477,452.75	-
2.6	Actuating cylinder rack	驱动气体瓶组框架	台Set	9	59.27	8.56	533.43	77.04	610.47	854.66	143,882.53	-
2.7	Storage cylinder rack (HFC)	储瓶框架 (HFC)	台Set	20	79.04	11.42	1,580.80	228.40	1,809.20	2,532.88	426,412.88	-
2.8	Manifold of storage cylinders	储瓶集流管	个Piece	20	88.92	12.85	1,778.40	257.00	2,035.40	2,849.56	479,726.28	-
2.9	Manifold of selector valves	选择阀集流管	个Piece	9	114.60	16.56	1,031.40	149.04	1,180.44	1,652.62	278,219.56	-
2.10	DN100 selector valve	DN100 选择阀	台Set	1	2,717.00	392.50	2,717.00	392.50	3,109.50	4,353.30	732,882.41	-
2.11	Outlet tubing of selector valve	选择阀出管组件	台Set	1	252.92	36.54	252.92	36.54	289.46	405.24	68,223.23	-
2.12	DN80 selector valve	DN80 选择阀	台Set	2	2,094.44	302.56	4,188.88	605.12	4,794.00	6,711.60	1,129,904.57	-
2.13	Outlet tubing of selector valve	选择阀出管组件	台Set	2	252.92	36.54	505.84	73.08	578.92	810.49	136,446.47	-
2.14	DN65 selector valve	DN65 选择阀	台Set	2	1,661.78	240.06	3,323.56	480.12	3,803.68	5,325.15	896,494.66	-
2.15	Outlet tubing of selector valve	选择阀出管组件	台Set	2	252.92	36.54	505.84	73.08	578.92	810.49	136,446.47	-
2.16	DN50 selector valve	DN50 选择阀	台Set	2	677.78	97.91	1,355.56	195.82	1,551.38	2,171.93	365,646.92	-
2.17	Outlet tubing of selector valve	选择阀出管组件	台Set	2	252.92	36.54	505.84	73.08	578.92	810.49	136,446.47	-
2.18	DN40 selector valve	DN40 选择阀	台Set	2	544.70	78.69	1,089.40	157.38	1,246.78	1,745.49	293,855.32	-

## LRMTS Orange Line Schedule of Price for FES-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
2.19	Outlet tubing of selector valve	选择阀出管组件	台Set	2	252.92	36.54	505.84	73.08	578.92	810.49	136,446.47	-
2.20	Electric junction box	电器接线盒	台Set	5	33.59	4.85	167.95	24.25	192.20	269.08	45,299.89	-
2.21	Extinguishing agent HFC-227ea	HFC-227ea 药剂	Kg	682	154.93	14.84	105,662.26	10,120.88	115,783.14	162,096.40	27,289,090.36	-
2.22	Gas flow check valve	单向阀 (气)	台Set	13	84.97	12.28	1,104.61	159.64	1,264.25	1,769.95	297,972.85	-
2.23	Actuating tube and flared tube union	启动管路及其组件	套set	2	541.74	78.31	1,083.48	156.62	1,240.10	1,736.14	292,280.91	-
2.24	HFC-227 Nozzle	HFC-227喷嘴	台Set	54	84.97	12.28	4,588.38	663.12	5,251.50	7,352.10	1,237,733.39	-
2.25	Low venting high close valve	低泄高封阀	台Set	9	221.31	31.97	1,991.79	287.73	2,279.52	3,191.33	537,263.26	-
2.26	Leakage alarm unit-HFC	泄漏报警器-HFC	台Set	2	903.00	130.45	1,806.00	260.90	2,066.90	2,893.66	487,150.55	-
2.27	Pressure Relief Device	泄压阀	台Set	10	553.79	80.00	5,537.90	800.00	6,337.90	8,873.06	1,493,788.52	-
2.28	Hot dip galvanized high pressure seamless pipe and fittings (for HFC)	热镀锌高压无缝管及管道附件(用于控制中心HFC系统)	批batch	1	81,512.36	12093.51	81,512.36	12,093.51	93,605.87	131,048.22	22,062,098.55	-
										-	-	-
<b>3</b>	<b>High Voltage Substation</b>	<b>高压站</b>								-	-	-
3.1	70L CO2 storage cylinder	70L二氧化碳 灭火剂储瓶	台Set	458	1,798.11	259.76	823,534.38	118,970.08	942,504.46	1,319,506.24	222,140,195.68	-
3.2	High-pressure flexible metal tubing (CO2)	高压金属软管 (CO2)	个Piece	458	136.34	19.70	62,443.72	9,022.60	71,466.32	100,052.85	16,843,997.01	-
3.3	Pressure switch	信号反馈装置	台Set	22	126.45	18.27	2,781.90	401.94	3,183.84	4,457.38	750,403.71	-
3.4	Safety valve (CO2)	安全泄放装置 (CO2)	台Set	6	179.81	25.98	1,078.86	155.88	1,234.74	1,728.64	291,017.60	-
3.5	Actuating device	驱动气体瓶组	台Set	22	608.59	87.92	13,388.98	1,934.24	15,323.22	21,452.51	3,611,551.17	-
3.6	CO2 weighing device	CO2弹簧秤称重装置	台Set	458	159.13	22.99	72,881.54	10,529.42	83,410.96	116,775.34	19,659,245.94	-
3.7	Storage cylinder rack (CO2)	储瓶框架 (CO2)	台Set	458	81.27	11.74	37,221.66	5,376.92	42,598.58	59,638.01	10,040,118.96	-
3.8	Actuating cylinder rack	驱动气体瓶组框架	台Set	22	59.27	8.56	1,303.94	188.32	1,492.26	2,089.16	351,712.85	-
3.9	Manifold of storage cylinders	储瓶集流管	个Piece	458	88.92	12.85	40,725.36	5,885.30	46,610.66	65,254.92	10,985,731.71	-
3.10	Manifold of selector valves	选择阀集流管	个Piece	22	114.60	16.56	2,521.20	364.32	2,885.52	4,039.73	680,092.25	-
3.11	DN125 selector valve	DN125 选择阀	台Set	8	4,621.91	667.68	36,975.28	5,341.44	42,316.72	59,243.41	9,973,686.98	-
3.12	Outlet tubing of selector valve	选择阀出管组件	台Set	8	252.92	36.54	2,023.36	292.32	2,315.68	3,241.95	545,785.86	-
3.13	DN100 selector valve	DN100 选择阀	台Set	4	2,717.00	392.50	10,868.00	1,570.00	12,438.00	17,413.20	2,931,529.63	-
3.14	Outlet tubing of selector valve	选择阀出管组件	台Set	4	252.92	36.54	1,011.68	146.16	1,157.84	1,620.98	272,892.93	-
3.15	DN80 selector valve	DN80 选择阀	台Set	2	2,094.44	302.56	4,188.88	605.12	4,794.00	6,711.60	1,129,904.57	-
3.16	Outlet tubing of selector valve	选择阀出管组件	台Set	2	252.92	36.54	505.84	73.08	578.92	810.49	136,446.47	-



## LRMTS Orange Line Schedule of Price for FES-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
3.17	DN65 selector valve	DN65 选择阀	台Set	4	1,661.78	240.06	6,647.12	960.24	7,607.36	10,650.30	1,792,989.33	-
3.18	Outlet tubing of selector valve	选择阀出管组件	台Set	4	252.92	36.54	1,011.68	146.16	1,157.84	1,620.98	272,892.93	-
3.19	DN40 selector valve	DN40 选择阀	台Set	4	544.70	78.69	2,178.80	314.76	2,493.56	3,490.98	587,710.65	-
3.20	Outlet tubing of selector valve	选择阀出管组件	台Set	4	252.92	36.54	1,011.68	146.16	1,157.84	1,620.98	272,892.93	-
3.21	Electric junction box	电器接线盒	台Set	12	33.59	4.85	403.08	58.20	461.28	645.79	108,719.73	-
3.22	Gas flow check valve	单向阀 (气)	台Set	30	84.97	12.28	2,549.10	368.40	2,917.50	4,084.50	687,629.66	-
3.23	Actuating tube and flared tube union	启动管路及其组件	套set	6	541.74	78.31	3,250.44	469.86	3,720.30	5,208.42	876,842.72	-
3.24	CO2 nozzle	CO2喷嘴	台Set	540	84.97	12.28	45,883.80	6,631.20	52,515.00	73,521.00	12,377,333.87	-
3.25	Low venting high close valve	低泄高封阀	台Set	22	221.31	31.97	4,868.82	703.34	5,572.16	7,801.02	1,313,310.19	-
3.26	Leakage alarm unit-CO2	泄漏报警器-CO2	台Set	6	903.00	130.45	5,418.00	782.70	6,200.70	8,680.98	1,461,451.66	-
3.27	Pressure Relief Device	泄压阀	台Set	54	553.79	80.00	29,904.66	4,320.00	34,224.66	47,914.52	8,066,458.03	-
3.28	Hot dip galvanized high pressure seamless pipe and fittings (for CO2 system of H-V substation)	热镀锌高压无缝管及管道附件 (用于高压变电站CO2系统)	batch/批	2	140,345.16	15476.01	280,690.32	30,952.02	311,642.34	436,299.28	73,451,419.41	-
										-	-	-
<b>4</b>	<b>Signaling Building in Deopt &amp; Stabling Yard</b>	<b>车辆段/停车场信号楼</b>								-	-	-
4.1	70L HFC-227 extinguish cylinder	70L HFC-227灭火剂瓶组	台Set	13	2,489.69	359.66	32,365.97	4,675.58	37,041.55	51,858.17	8,730,374.78	-
4.2	High-pressure flexible metal tubing (HFC)	高压金属软管 (HFC)	Piece	13	241.07	34.83	3,133.91	452.79	3,586.70	5,021.38	845,354.34	-
4.3	Pressure switch	信号反馈装置	台Set	8	126.45	18.27	1,011.60	146.16	1,157.76	1,620.86	272,874.08	-
4.4	Safety valve (HFC)	安全泄放装置 (HFC)	台Set	2	150.16	21.69	300.32	43.38	343.70	481.18	81,007.13	-
4.5	Actuating device	驱动气体瓶组	台Set	8	608.59	87.92	4,868.72	703.36	5,572.08	7,800.91	1,313,291.34	-
4.6	Actuating cylinder rack	驱动气体瓶组框架	台Set	8	59.27	8.56	474.16	68.48	542.64	759.70	127,895.58	-
4.7	Storage cylinder rack (HFC)	储瓶框架 (HFC)	台Set	13	79.04	11.42	1,027.52	148.46	1,175.98	1,646.37	277,168.37	-
4.8	Manifold of storage cylinders	储瓶集流管	个Piece	13	88.92	12.85	1,155.96	167.05	1,323.01	1,852.21	311,822.08	-
4.9	Manifold of selector valves	选择阀集流管	个Piece	8	114.60	16.56	916.80	132.48	1,049.28	1,468.99	247,306.27	-
4.10	DN80 selector valve	DN80 选择阀	台Set	1	2,094.44	302.56	2,094.44	302.56	2,397.00	3,355.80	564,952.29	-
4.11	Outlet tubing of selector valve	选择阀出管组件	台Set	1	252.92	36.54	252.92	36.54	289.46	405.24	68,223.23	-
4.12	DN65 selector valve	DN65 选择阀	台Set	3	1,661.78	240.06	4,985.34	720.18	5,705.52	7,987.73	1,344,742.00	-
4.13	Outlet tubing of selector valve	选择阀出管组件	台Set	3	252.92	36.54	758.76	109.62	868.38	1,215.73	204,669.70	-
4.14	DN50 selector valve	DN50 选择阀	台Set	4	677.78	97.91	2,711.12	391.64	3,102.76	4,343.86	731,293.85	-

## LRMTS Orange Line Schedule of Price for FES-Equipment & Installation

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Qty	单价 unit priceUSD		合价 total priceUSD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
4.15	Outlet tubing of selector valve	选择阀出管组件	台Set	4	252.92	36.54	1,011.68	146.16	1,157.84	1,620.98	272,892.93	-
4.16	Electric junction box	电器接线盒	台Set	4	33.59	4.85	134.36	19.40	153.76	215.26	36,239.91	-
4.17	Extinguishing agent HFC-227ea	HFC-227ea 药剂	Kg	500	154.93	14.84	77,465.00	7,420.00	84,885.00	118,839.00	20,006,664.49	-
4.18	Gas flow check valve	单向阀 (气)	台Set	11	84.97	12.28	934.67	135.08	1,069.75	1,497.65	252,130.88	-
4.19	Actuating tube and flared tube union	启动管路及其组件	套set	2	541.74	78.31	1,083.48	156.62	1,240.10	1,736.14	292,280.91	-
4.20	HFC-227 Nozzle	HF-227喷嘴	台Set	72	84.97	12.28	6,117.84	884.16	7,002.00	9,802.80	1,650,311.18	-
4.21	Low venting high close valve	低泄高封阀	台Set	8	221.31	31.97	1,770.48	255.76	2,026.24	2,836.74	477,567.34	-
4.22	Leakage alarm unit-HFC	泄漏报警器-HFC	台Set	2	903.00	130.45	1,806.00	260.90	2,066.90	2,893.66	487,150.55	-
4.23	Pressure Relief Device	泄压阀	套Set	8	553.79	80.00	4,430.32	640.00	5,070.32	7,098.45	1,195,030.82	-
4.24	Hot dip galvanized high pressure seamless pipe and fittings (for HFC system of depot and stabling yard)	热镀锌高压无缝管及管道附件 (用于车辆段和停车场HFC系统)	批batch	2	10,208.33	1551.67	20,416.66	3,103.34	23,520.00	32,928.00	5,543,461.73	-
		<b>合计 Total</b>					<b>8,019,129.38</b>	<b>1,054,170.89</b>	<b>9,073,300.27</b>	<b>12,702,620.38</b>	<b>2,138,498,843.26</b>	<b>170,082,635.49</b>

**LRMTS Orange Line Schedule of Price for Platform Screen Door & Automatic Platform Gates-Equipment & Installation**

USD = PKR 168.351/-

Item	Description	中文设备名称	单位 Unit	数量 Quantity	单价 Unit priceUSD		合价 Total priceUSD		合计 Total USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>一、地下车站（2座） Underground Station (Quantity:2)</b>												
<b>1</b>	<b>Platform Screen Doors</b>	<b>屏蔽门</b>										
1.1	Fixed Screen for PSD	屏蔽门-固定门	扇set	72	1,294.20	146.17	93,182.40	10,524.24	103,706.64	145,189.30	24,442,763.17	12,221,381.59
1.2	ASD for PSD	屏蔽门-滑动门								-	-	-
1.2.1	ASD1 for PSD	屏蔽门-标准滑动门	扇set	144	785.76	88.85	113,149.44	12,794.40	125,943.84	176,321.38	29,683,879.97	14,841,939.99
1.2.2	ASD2 for PSD	屏蔽门-非标滑动门	扇set	16	749.27	84.62	11,988.32	1,353.92	13,342.24	18,679.14	3,144,651.22	1,572,325.61
1.3	PED for PSD	屏蔽门-端门	套lot	8	4,853.25	549.28	38,826.00	4,394.24	43,220.24	60,508.34	10,186,638.87	5,093,319.44
1.4	EED for PSD	屏蔽门-应急门	套set	20	1,938.87	219.25	38,777.40	4,385.00	43,162.40	60,427.36	10,173,006.48	5,086,503.24
1.5	PSC for PSD	屏蔽门-中央控制盘	台set	2	84,969.63	9,619.34	169,939.26	19,238.68	189,177.94	264,849.12	44,587,613.53	22,293,806.76
1.6	PSL for PSD	屏蔽门-就地控制盘	台set	4	1,469.36	166.17	5,877.44	664.68	6,542.12	9,158.97	1,541,921.42	770,960.71
1.7	Top support for PSD	屏蔽门-上部支撑	套lot	200	109.47	12.31	21,894.00	2,462.00	24,356.00	34,098.40	5,740,499.74	2,870,249.87
1.8	Bottom support for PSD	屏蔽门-下部支撑	套lot	396	133.80	15.39	52,984.80	6,094.44	59,079.24	82,710.94	13,924,468.79	6,962,234.39
1.9	Door mechanism for PSD (including door header box beam and other components)	屏蔽门-门机 (含门机梁及其它组件)	套set	80	968.22	95.39	77,457.60	7,631.20	85,088.80	119,124.32	20,054,698.40	10,027,349.20
1.10	Motor for PSD	屏蔽门-电机	台set	80	1,123.91	100.01	89,912.80	8,000.80	97,913.60	137,079.04	23,077,393.46	11,538,696.73
1.11	ASD Locking Device for PSD	屏蔽门-滑动门电磁锁	个set	80	734.68	84.62	58,774.40	6,769.60	65,544.00	91,761.60	15,448,157.12	7,724,078.56
1.12	DOI for PSD	屏蔽门-门状态指示灯 (含端门)	个set	88	94.88	6.15	8,349.44	541.20	8,890.64	12,446.90	2,095,447.39	1,047,723.69
1.13	DCU for PSD	屏蔽门-门控单元	台set	80	4,113.71	466.20	329,096.80	37,296.00	366,392.80	512,949.92	86,355,631.98	43,177,815.99
1.14	LCB for PSD	屏蔽门-就地控制盒	个set	80	58.38	6.92	4,670.40	553.60	5,224.00	7,313.60	1,231,251.87	615,625.94
1.15	Column for PSD	屏蔽门-立柱	套lot	200	377.07	29.23	75,414.00	5,846.00	81,260.00	113,764.00	19,152,283.16	9,576,141.58
1.16	Header Box of PSD	屏蔽门-顶箱部分	套lot	172	1,895.08	318.49	325,953.76	54,780.28	380,734.04	533,027.66	89,735,738.92	44,867,869.46
1.17	Threshold for PSD	屏蔽门-门槛	套lot	196	583.85	57.70	114,434.60	11,309.20	125,743.80	176,041.32	29,636,732.26	14,818,366.13
1.18	Power supply for PSD	屏蔽门-电源系统								-	-	-
1.18.1	Drive power for PSD	屏蔽门-驱动电源	套lot	2	42,545.63	4,816.59	85,091.26	9,633.18	94,724.44	132,614.22	22,325,735.88	11,162,867.94
1.18.2	Control power for PSD	屏蔽门-控制电源	套lot	2	35,989.48	4,074.22	71,978.96	8,148.44	80,127.40	112,178.36	18,885,339.08	9,442,669.54

1.19	Cable & accessories of PSD	屏蔽门-线缆及附件	站station	2	72,252.65	8,179.98	144,505.30	16,359.96	160,865.26	225,211.36	37,914,558.34	18,957,279.17
1.20	Prototype for PSD	屏蔽门样机	台lot	1	278,933.08	25,733.78	278,933.08	25,733.78	304,666.86	426,533.60	71,807,358.77	71,807,358.77
地下站小计 total for underground station							<b>2,211,191.46</b>	<b>254,514.84</b>	<b>2,465,706.30</b>			-
二、地上车站（24座） On the ground Stations（Quantity :24）										-	-	-
<b>2</b>	<b>Automatic Platform Gates</b>	<b>安全门</b>								-	-	-
2.1	Fixed Screen for APG	安全门-固定门	扇set	864	630.07	71.55	544,380.48	61,819.20	606,199.68	848,679.55	142,876,051.26	5,953,168.80
2.2	ASD for APG	安全门-滑动门								-	-	-
2.2.1	ASD1 for APG	安全门-标准滑动门	扇set	1728	960.92	108.86	1,660,469.76	188,110.08	1,848,579.84	2,588,011.78	435,694,370.50	18,153,932.10
2.2.2	ASD2 for APG	安全门-非标滑动门	扇set	192	915.91	103.86	175,854.72	19,941.12	195,795.84	274,114.18	46,147,395.64	1,922,808.15
2.3	PED for APG	安全门-端门	套set	96	2,588.40	293.10	248,486.40	28,137.60	276,624.00	387,273.60	65,197,897.83	2,716,579.08
2.4	EED for APG	安全门-应急门	扇set	240	1,026.60	116.16	246,384.00	27,878.40	274,262.40	383,967.36	64,641,289.02	2,693,387.04
2.5	PSC for APG	安全门-中央控制盘	台set	24	83,935.73	9,502.41	2,014,457.52	228,057.84	2,242,515.36	3,139,521.50	528,541,584.72	22,022,566.03
2.6	PSL for APG	安全门-就地控制盘	台set	48	1,469.36	166.17	70,529.28	7,976.16	78,505.44	109,907.62	18,503,057.06	770,960.71
2.7	Bottom Support for APG	安全门-下部支撑	套lot	4176	182.45	20.77	761,911.20	86,735.52	848,646.72	1,188,105.41	200,018,733.54	8,334,113.90
2.8	Power supply for APG	安全门-电源系统								-	-	-
2.8.1	Drive power for APG	安全门-驱动电源	套lot	24	47,839.21	5,415.88	1,148,141.04	129,981.12	1,278,122.16	1,789,371.02	301,242,401.26	12,551,766.72
2.8.2	Control power for APG	安全门-控制电源	套lot	24	36,356.82	4,116.53	872,563.68	98,796.72	971,360.40	1,359,904.56	228,941,292.58	9,539,220.52
2.9	Cable & accessories for APG	安全门-线缆及附件	站station	24	37,930.79	4,294.24	910,338.96	103,061.76	1,013,400.72	1,418,761.01	238,849,834.46	9,952,076.44
2.10	Fixed side-box (include DCU、LCB、Door mechanism) for APG	安全门-固定侧盒（含DCU、LCB、门机系统）								-	-	-
2.10.1	FSB1 for APG	安全门-固定侧盒1	套set	1824	2,106.73	238.48	3,842,675.52	434,987.52	4,277,663.04	5,988,728.26	1,008,208,390.63	42,008,682.94
2.10.2	FSB2 for APG	安全门-固定侧盒2	套set	96	2,257.55	255.41	216,724.80	24,519.36	241,244.16	337,741.82	56,859,173.81	2,369,132.24
2.10.3	Door mechanism for APG	安全门-门机	套set	1920	141.10	47.70	270,912.00	91,584.00	362,496.00	507,494.40	85,437,189.73	3,559,882.91
2.10.4	Motor for APG	安全门-电机	台set	1920	1,106.88	100.01	2,125,209.60	192,019.20	2,317,228.80	3,244,120.32	546,150,899.99	22,756,287.50
2.10.5	ASD Locking Device for APG	安全门-滑动门电磁锁	个set	1920	746.84	84.62	1,433,932.80	162,470.40	1,596,403.20	2,234,964.48	376,258,505.17	15,677,437.72
2.10.6	DOI for APG	安全门-门状态指示灯（含端门）	个set	2112	109.47	6.15	231,200.64	12,988.80	244,189.44	341,865.22	57,553,350.98	2,398,056.29
2.10.7	DCU for APG	安全门-门控单元	台set	960	3,938.55	446.19	3,781,008.00	428,342.40	4,209,350.40	5,893,090.56	992,107,688.87	41,337,820.37
2.10.8	LCB for APG	安全门-就地控制盒	个set	960	58.38	6.92	56,044.80	6,643.20	62,688.00	87,763.20	14,775,022.48	615,625.94

2.10.9	Threshold for APG	安全门-门槛	套lot	2256	496.27	52.31	1,119,585.12	118,011.36	1,237,596.48	1,732,635.07	291,690,847.01	12,153,785.29	
2.11	Prototype for APG	安全门样机	台lot	1	184,584.16	19,897.98	184,584.16	19,897.98	204,482.14	286,275.00	48,194,681.85	48,194,681.85	
		<b>地上站小计 total for on the ground station</b>					<b>21,915,394.48</b>	<b>2,471,959.74</b>	<b>24,387,354.22</b>				
		<b>E&amp;I总计 total for equipment and installation</b>					<b>24,126,585.94</b>	<b>2,726,474.58</b>	<b>26,853,060.52</b>	<b>37,594,284.73</b>	<b>6,329,035,428.24</b>	<b>612,158,536.84</b>	

**LRMTS Orange Line Schedule of Price for  
Water Supply & Drainage & Fire Fighting-Equipment & Installation**

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	UNIT 单位	QTY 数量	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>Fire Fighting System</b>												
<b>Bill No.1、 Station Fire Fighting System 车站 (26座)</b>												
<b>1</b>	<b>Station</b>							<b>4,328,928.02</b>	<b>2,773,722.87</b>	<b>7,102,648.89</b>		
<b>1.1</b>	<b>Fire Fighting Equipment</b>	消防设备						<b>3,381,324.42</b>	<b>1,653,036.54</b>	<b>5,034,358.96</b>		
1.1.1	hydrant pump Q=120m3/h, H=70m, N=37KW	消火栓泵Q=120m3/h, H=70m, N=37KW	Set	48	9,904.93	6,845.54	475,436.64	328,585.92	804,022.56	1,125,631.58	189,501,202.80	7,895,883.45
1.1.2	stabilizing pump 消火栓泵稳压泵Q=5m3/h, H=77m, N=2.2KW	消火栓泵稳压泵Q=5m3/h, H=77m, N=2.2KW	Set	48	3,691.14	981.13	177,174.72	47,094.24	224,268.96	313,976.54	52,858,265.16	2,202,427.71
1.1.3	regulator tank V=150L	消火栓泵稳压罐V=150L	Set	26	4,106.92	1,107.46	106,779.92	28,793.96	135,573.88	189,803.43	31,953,597.58	2,457,969.04
1.1.4	hydrant pump Q=120m3/h, H=77m, N=45KW	消火栓泵Q=120m3/h, H=77m, N=45KW	Set	2	12,803.94	6,897.79	25,607.88	13,795.58	39,403.46	55,164.84	9,287,056.65	-
1.1.5	stabilizing pump Q=5m3/h, H=84m, N=4KW	消火栓泵稳压泵Q=5m3/h, H=84m, N=4KW	Set	2	3,804.95	984.79	7,609.90	1,969.58	9,579.48	13,411.27	2,257,801.05	-
1.1.6	hydrant pump Q=120m3/h, H=84m, N=45KW	消火栓泵Q=120m3/h, H=84m, N=45KW	Set	2	12,803.94	6,844.70	25,607.88	13,689.40	39,297.28	55,016.19	9,262,030.94	9,262,030.94
1.1.7	stabilizing pump Q=5m3/h, H=92m, N=4KW	消火栓泵稳压泵Q=5m3/h, H=92m, N=4KW	Set	2	3,804.95	1,021.52	7,609.90	2,043.04	9,652.94	13,514.12	2,275,114.94	2,275,114.94
1.1.8	Fire hydrant and box	消火栓及箱体	Set	460	1,105.24	276.38	508,410.40	127,134.80	635,545.20	889,763.28	149,792,537.95	13,351,074.03
1.1.9	Interval hydrant box	消火栓箱	Set	8	471.09	660.27	3,768.72	5,282.16	9,050.88	12,671.23	2,133,214.58	1,066,607.29
1.1.10	extinguisher (Ammonium phosphate dry powder fire extinguishers5Kg)	灭火器 (磷酸铵盐干粉灭火器5kg)	Set	2600	235.53	6.66	612,378.00	17,316.00	629,694.00	881,571.60	148,413,460.43	11,188,091.63

**LRMTS Orange Line Schedule of Price for  
Water Supply & Drainage & Fire Fighting-Equipment & Installation**

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	UNIT 单位	QTY 数量	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
1.1.11	extinguisher (transportable Ammonium phosphate dry powder fire extinguishers 20Kg)	灭火器 (推车式磷酸铵盐干粉灭火器 20kg)	Set	52	591.88	15.65	30,777.76	813.80	31,591.56	44,228.18	7,445,859.00	572,758.38
1.1.12	alarm valve DN100	报警阀DN100	Set	2	966.32	2,121.75	1,932.64	4,243.50	6,176.14	8,646.60	1,455,663.08	-
1.1.13	alarm valve DN65	报警阀DN65	Set	24	452.97	1,390.04	10,871.28	33,360.96	44,232.24	61,925.14	10,425,158.57	868,763.21
1.1.14	water flow indicator DN100	水流指示器DN100	Set	2	833.47	568.87	1,666.94	1,137.74	2,804.68	3,926.55	661,038.96	-
1.1.15	water flow indicator DN65	水流指示器DN65	Set	24	471.09	236.83	11,306.16	5,683.92	16,990.08	23,786.11	4,004,415.74	333,701.31
1.1.16	signal valve DN65	信号阀DN65	Set	52	271.80	144.76	14,133.60	7,527.52	21,661.12	30,325.57	5,105,339.70	196,359.22
1.1.17	end water-test equipments DN25	末端试水装置 DN25	Set	26	72.47	433.55	1,884.22	11,272.30	13,156.52	18,419.13	3,100,878.62	238,529.12
1.1.18	spray header DN25 K=80	喷淋头DN25 K=80	Set	300	27.18	58.69	8,154.00	17,607.00	25,761.00	36,065.40	6,071,646.16	303,582.31
1.1.19	external fire hydrant 100/65	室外消火栓100/65	Set	80	616.03	276.24	49,282.40	22,099.20	71,381.60	99,934.24	16,824,029.24	1,682,402.92
1.1.20	siamese connection	水泵接合器	Set	30	1,050.88	505.21	31,526.40	15,156.30	46,682.70	65,355.78	11,002,710.92	733,514.06
1.1.21	DN25quick exhaust valve DN25	快速排气阀 DN25	Set	200	36.83	65.74	7,366.00	13,148.00	20,514.00	28,719.60	4,834,973.38	386,797.87
1.1.22	Q-BPVS DN150	防污隔断阀DN150	Set	26	2,795.13	682.86	72,673.38	17,754.36	90,427.74	126,598.84	21,313,040.64	-
1.1.23	Pipeline expansion device DN150	管道伸缩器 DN150	Set	120	407.68	633.62	48,921.60	76,034.40	124,956.00	174,938.40	29,451,054.58	490,850.91
1.1.24	wash-out valve DN65	泄水阀DN65	Set	56	257.87	341.55	14,440.72	19,126.80	33,567.52	46,994.53	7,911,575.78	-
1.1.25	flygate DN150	蝶阀DN150	Set	260	402.25	332.56	104,585.00	86,465.60	191,050.60	267,470.84	45,028,983.38	4,502,898.34
1.1.26	Electric butterfly valve DN150	电动蝶阀DN150	Set	8	3,841.79	803.23	30,734.32	6,425.84	37,160.16	52,024.22	8,758,330.13	4,379,165.07
1.1.28	fire pool 60m3	消防水箱 60m3	Set	24	21,742.52	14,519.32	521,820.48	348,463.68	870,284.16	1,218,397.82	205,118,492.07	8,546,603.84

**LRMTS Orange Line Schedule of Price for  
Water Supply & Drainage & Fire Fighting-Equipment & Installation**

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	UNIT 单位	QTY 数量	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
1.1.29	hydrant Pump control cabinet	消防泵组泵组控制柜	Set	24	2,415.83	1,730.43	57,979.92	41,530.32	99,510.24	139,314.34	23,453,707.78	1,954,475.65
1.1.30	anti-backflow equipment DN150	倒流防止器DN150	Set	26	2,795.13	358.86	72,673.38	9,330.36	82,003.74	114,805.24	19,327,576.29	-
1.1.31	Y type filter DN150	Y型过滤器DN150	Set	26	853.39	634.39	22,188.14	16,494.14	38,682.28	54,155.19	9,117,080.73	-
1.1.32	Y type filter DN65	Y型过滤器DN65	Set	26	314.06	380.01	8,165.56	9,880.26	18,045.82	25,264.15	4,253,244.58	327,172.66
1.1.33	safety relief valve DN150	安全泄压阀DN150	Set	26	1,746.64	545.00	45,412.64	14,170.00	59,582.64	83,415.70	14,043,115.84	-
1.1.34	water test valve DN65	试水阀DN65	Set	26	257.91	86.50	6,705.66	2,249.00	8,954.66	12,536.52	2,110,536.35	81,174.48
1.1.35	electric contact pressure gauge DN150	电接点压力表DN150	Set	26	108.70	240.39	2,826.20	6,250.14	9,076.34	12,706.88	2,139,215.28	164,555.02
1.1.36	pressure gauge Y-150	压力表Y-150	Set	52	36.23	240.39	1,883.96	12,500.28	14,384.24	20,137.94	3,390,241.66	521,575.64
1.1.37	pressure gauge Y-65	压力表Y-65	Set	130	27.18	240.39	3,533.40	31,250.70	34,784.10	48,697.74	8,198,313.23	-
1.1.38	sluice valve DN150	闸阀DN150	Set	104	1,003.16	682.86	104,328.64	71,017.44	175,346.08	245,484.51	41,327,563.08	1,589,521.66
1.1.39	sluice valve DN100	闸阀DN100	Set	78	493.44	465.49	38,488.32	36,308.22	74,796.54	104,715.16	17,628,901.23	2,260,115.54
1.1.40	sluice valve DN65	闸阀DN65	Set	104	368.41	468.90	38,314.64	48,765.60	87,080.24	121,912.34	20,524,063.68	1,184,080.60
1.1.41	check valve DN65	止回阀DN65	Set	52	663.16	224.21	34,484.32	11,658.92	46,143.24	64,600.54	10,875,564.84	-
1.1.42	flexible rubber joint DN150	可曲挠橡胶软接头DN150	Set	52	155.83	607.71	8,103.16	31,600.92	39,704.08	55,585.71	9,357,910.20	1,439,678.49
1.1.43	flexible rubber joint DN65	可曲挠橡胶软接头DN65	Set	104	68.24	327.14	7,096.96	34,022.56	41,119.52	57,567.33	9,691,517.24	-
1.1.44	hydraulic ball float valve DN50	水力浮球阀DN50	Set	26	641.41	153.08	16,676.66	3,980.08	20,656.74	28,919.44	4,868,615.97	374,508.92
<b>1.2</b>	<b>Fire Fighting Pipeline</b>	消防管道	lot	<b>26</b>	<b>27,909.70</b>	<b>39,042.34</b>	<b>725,652.20</b>	<b>1,015,100.84</b>	<b>1,740,753.04</b>	2,437,054.26	410,280,521.05	31,560,040.08
<b>1.3</b>	<b>Pipe supports</b>	管道支架	lot	<b>1</b>	<b>221,951.40</b>	<b>105,585.36</b>	<b>221,951.40</b>	<b>105,585.36</b>	<b>327,536.76</b>	458,551.46	77,197,597.52	5,938,276.73
<b>Bill No.2、 Tunnel Fire Fighting System (区间)</b>												
<b>2</b>	<b>Tunnel</b>						<b>254,081.52</b>	<b>268,536.87</b>	<b>522,618.39</b>			



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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
<b>2.1</b>	<b>Fire Fighting Equipment</b>	消防设备					<b>50,162.67</b>	<b>49,859.01</b>	<b>100,021.68</b>			-
2.1.1	Fire hydrant	区间消火栓	Set	80	379.09	375.67	30,327.20	30,053.60	60,380.80	84,533.12	14,231,235.29	6,581,946.32
2.1.2	Pipeline expansion device DN150	管道伸缩器 DN150	Set	12	407.68	633.62	4,892.16	7,603.44	12,495.60	17,493.84	2,945,105.46	1,472,552.73
2.1.3	automatic air valve DN25	自动排气阀 DN25	Set	6	36.83	65.07	220.98	390.42	611.40	855.96	144,101.72	72,050.86
2.1.4	wash-out valve DN65	泄水阀DN65	Set	6	257.87	336.48	1,547.22	2,018.88	3,566.10	4,992.54	840,499.10	560,332.73
2.1.5	flygate DN150	蝶阀 DN150	Set	23	402.25	363.87	9,251.75	8,369.01	17,620.76	24,669.06	4,153,061.59	1,986,246.85
2.1.6	metal bellowDN150	金属波纹管DN150	Set	14	280.24	101.69	3,923.36	1,423.66	5,347.02	7,485.83	1,260,246.63	540,105.70
<b>2.2</b>	<b>Fire Fighting Pipeline</b>	消防管道	lot	<b>27</b>	<b>7,552.55</b>	<b>8,099.18</b>	<b>203,918.85</b>	<b>218,677.86</b>	<b>422,596.71</b>	591,635.39	99,602,410.22	3,688,978.16
<b>Bill No.3、 High Voltage Substation Fire Fighting System变电所(2座)</b>												
<b>3</b>	<b>High Voltage Substation</b>						<b>213,765.50</b>	<b>128,914.50</b>	<b>342,680.00</b>			-
<b>3.1</b>	<b>Fire Fighting Equipment</b>	消防设备					<b>176,378.72</b>	<b>81,312.28</b>	<b>257,691.00</b>			-
3.1.1	hydrant pumpQ=140m3/h , H=82m, N=55 KW	消火栓泵Q=140m3/h, H=82m, N=55KW	Set	4	12,079.17	1,955.17	48,316.68	7,820.68	56,137.36	78,592.30	13,231,092.97	-
3.1.2	stabilizing pump Q=5m3/h, H=90m, N=4KW	稳压泵Q=5m3/h, H=90m, N=4KW	Set	4	2,325.24	1,955.17	9,300.96	7,820.68	17,121.64	23,970.30	4,035,423.30	-
3.1.3	regulator tank V=150L	稳压罐V=150L	Set	2	4,106.92	1,119.23	8,213.84	2,238.46	10,452.30	14,633.22	2,463,517.22	-
3.1.4	water meter DN150	水表DN150	Set	2	456.60	682.86	913.20	1,365.72	2,278.92	3,190.49	537,121.85	-
3.1.5	external fire hydrant 100/65	室外消火栓100/65	Set	14	616.03	275.92	8,624.42	3,862.88	12,487.30	17,482.22	2,943,149.22	-
3.1.6	Fire hydrant and box	消火栓及箱体	Set	12	1,105.24	275.92	13,262.88	3,311.04	16,573.92	23,203.49	3,906,330.41	-
3.1.7	extinguisher (Ammonium phosphate dry powder fire extinguishers5Kg)	灭火器 (磷酸铵盐干粉灭火器 5kg)	Set	88	235.53	4.23	20,726.64	372.24	21,098.88	29,538.43	4,972,824.57	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
3.1.8	siamese connection	水泵接合器	Set	4	1,050.88	505.21	4,203.52	2,020.84	6,224.36	8,714.10	1,467,028.12	-
3.1.9	wet alarm valve DN100	湿式报警阀DN100	Set	2	1,208.51	2,009.95	2,417.02	4,019.90	6,436.92	9,011.69	1,517,126.69	-
3.1.10	water flow indicator DN100	水流指示器DN100	Set	4	833.47	568.87	3,333.88	2,275.48	5,609.36	7,853.10	1,322,077.91	-
3.1.11	signal valve DN100	信号阀DN100	Set	6	407.68	211.24	2,446.08	1,267.44	3,713.52	5,198.93	875,244.73	-
3.1.12	end water-test equipments DN25	末端测试装置DN25	Set	4	72.47	433.55	289.88	1,734.20	2,024.08	2,833.71	477,058.25	-
3.1.13	exhaust valve DN25	排气阀DN25	Set	6	41.06	64.96	246.36	389.76	636.12	890.57	149,928.01	-
3.1.14	DN65 wash-out valve	泄水阀 DN65	Set	4	257.87	341.55	1,031.48	1,366.20	2,397.68	3,356.75	565,112.56	-
3.1.15	flygate DN150	蝶阀DN150	Set	22	402.25	358.86	8,849.50	7,894.92	16,744.42	23,442.19	3,946,515.79	-
3.1.16	spray header DN25 K=80	喷淋头DN25 K=80	Set	80	27.18	34.54	2,174.40	2,763.20	4,937.60	6,912.64	1,163,749.86	-
3.1.17	Q-BPVS DN150	防污隔断阀DN150	Set	2	2,795.13	682.86	5,590.26	1,365.72	6,955.98	9,738.37	1,639,464.66	-
3.1.18	hydrant Pump control cabinet	消防泵组泵组控制柜	Set	2	2,415.83	1,717.60	4,831.66	3,435.20	8,266.86	11,573.60	1,948,427.81	-
3.1.19	anti-backflow equipment DN150	倒流防止器DN150	Set	2	2,795.13	358.86	5,590.26	717.72	6,307.98	8,831.17	1,486,736.64	-
3.1.20	Y type filter DN150	Y型过滤器DN150	Set	2	853.39	634.39	1,706.78	1,268.78	2,975.56	4,165.78	701,313.90	-
3.1.21	Y type filter DN65	Y型过滤器DN65	Set	2	314.06	380.01	628.12	760.02	1,388.14	1,943.40	327,172.66	-
3.1.22	safety relief valve DN150	安全泄压阀DN150	Set	2	1,746.64	545.00	3,493.28	1,090.00	4,583.28	6,416.59	1,080,239.68	-
3.1.23	water test valve DN65	试水阀DN65	Set	2	257.80	86.08	515.60	172.16	687.76	962.86	162,099.12	-
3.1.24	electric contact pressure gauge DN150	电接点压力表DN150	Set	2	108.70	240.43	217.40	480.86	698.26	977.56	164,573.88	-
3.1.25	pressure gauge Y- 150	压力表Y-150	Set	4	36.23	240.39	144.92	961.56	1,106.48	1,549.07	260,787.82	-
3.1.26	pressure gauge Y- 65	压力表Y-65	Set	10	27.18	240.39	271.80	2,403.90	2,675.70	3,745.98	630,639.48	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
3.1.27	sluice valve DN150	闸阀DN150	Set	8	1,003.16	682.86	8,025.28	5,462.88	13,488.16	18,883.42	3,179,043.31	-
3.1.28	sluice valve DN100	闸阀DN100	Set	6	493.44	465.49	2,960.64	2,792.94	5,753.58	8,055.01	1,356,069.33	-
3.1.29	sluice valve DN65	闸阀DN65	Set	8	368.41	453.25	2,947.28	3,626.00	6,573.28	9,202.59	1,549,265.57	-
3.1.30	check valve DN65	止回阀DN65	Set	4	663.16	224.21	2,652.64	896.84	3,549.48	4,969.27	836,581.91	-
3.1.31	flexible rubber joint DN150	可曲挠橡胶软接 头DN150	Set	4	155.83	607.71	623.32	2,430.84	3,054.16	4,275.82	719,839.25	-
3.1.32	flexible rubber joint DN65	可曲挠橡胶软接 头DN65	Set	8	68.24	327.14	545.92	2,617.12	3,163.04	4,428.26	745,501.33	-
3.1.33	hydraulic ball float valve DN50	水力浮球阀DN50	Set	2	641.41	153.05	1,282.82	306.10	1,588.92	2,224.49	374,494.78	-
<b>3.2</b>	<b>Fire Fighting Pipeline</b>	<b>消防管道</b>	<b>lot</b>	<b>2</b>	<b>18,693.39</b>	<b>23,801.11</b>	<b>37,386.78</b>	<b>47,602.22</b>	<b>84,989.00</b>	118,984.60	20,031,176.39	-
<b>Bill No.4、 Depot &amp; Stabling Yard Fire Fighting System 车辆段、停车场</b>												
<b>4</b>	<b>Depot &amp; Stabling Yard</b>						<b>1,987,114.49</b>	<b>1,692,168.00</b>	<b>3,679,282.49</b>			-
<b>4.1</b>	<b>Fire Fighting Equipment</b>	<b>消防设备</b>					<b>1,131,502.15</b>	<b>439,373.22</b>	<b>1,570,875.37</b>			-
4.1.4	external fire hydrant 100/65	室外消火栓100/65	Set	60	616.03	275.92	36,961.80	16,555.20	53,517.00	74,923.80	12,613,496.65	-
4.1.5	Fire hydrant and box	消火栓及箱体	Set	320	1,105.24	215.19	353,676.80	68,860.80	422,537.60	591,552.64	99,588,478.50	-
4.1.6	extinguisher	灭火器	Set	860	235.53	27.70	202,555.80	23,822.00	226,377.80	316,928.92	53,355,300.61	-
4.1.7	siamese connection	水泵结合器	Set	20	1,050.88	505.21	21,017.60	10,104.20	31,121.80	43,570.52	7,335,140.61	-
4.1.8	wet alarm valve DN150	湿式报警阀组 DN150	Set	2	1,357.68	2,721.36	2,715.36	5,442.72	8,158.08	11,421.31	1,922,789.30	-
4.1.9	water flow indicator DN150	水流指示器 DN150	Set	2	918.00	816.73	1,836.00	1,633.46	3,469.46	4,857.24	817,721.88	-
4.1.10	signal valve DN150	信号阀 DN150	Set	2	694.56	334.26	1,389.12	668.52	2,057.64	2,880.70	484,968.05	-
4.1.11	end water-test equipments DN25	末端试水装置 DN25	Set	30	72.47	433.55	2,174.10	13,006.50	15,180.60	21,252.84	3,577,936.87	-
4.1.12	wash-out valve DN65	泄水阀 DN65	Set	65	257.87	341.55	16,761.55	22,200.75	38,962.30	54,547.22	9,183,079.03	-

**LRMTS Orange Line Schedule of Price for  
Water Supply & Drainage & Fire Fighting-Equipment & Installation**

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	UNIT 单位	QTY 数量	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
4.1.13	flygate DN100	蝶阀 DN100	Set	300	293.51	215.19	88,053.00	64,557.00	152,610.00	213,654.00	35,968,864.55	-
4.1.14	flygate DN200	蝶阀DN200	Set	4	703.62	563.97	2,814.48	2,255.88	5,070.36	7,098.50	1,195,040.25	-
4.1.15	Spray nozzle DN25	喷嘴 DN25	Set	3500	20.44	15.65	71,540.00	54,775.00	126,315.00	176,841.00	29,771,359.19	-
4.1.17	hydrant Pump control cabinet	消防泵组控制柜	Set	8	2,415.83	1,730.43	19,326.64	13,843.44	33,170.08	46,438.11	7,817,902.59	-
4.1.18	hydrant pump Q=40L/s, H=100 m, N=55Kw	消火栓泵Q=40L/s , H=100m, N=5 5Kw	Set	2	13,770.27	6,843.33	27,540.54	13,686.66	41,227.20	57,718.08	9,716,896.49	-
4.1.19	stabilizing pump Q=24m3/h, H=50 m, N=5.5Kw	消火栓泵稳压泵Q =24m3/h, H=50m , N=5.5Kw	Set	2	3,019.80	977.22	6,039.60	1,954.44	7,994.04	11,191.66	1,884,126.48	-
4.1.20	spray pump Q=45L/s, H=52m , N=37Kw	喷淋泵Q=45L/s, H=52m, N=37Kw	Set	3	6,975.72	6,843.33	20,927.16	20,529.99	41,457.15	58,040.01	9,771,093.72	-
4.1.21	stabilizing pump Q=8m3/h, H=40 m, N=2.2Kw	喷淋稳压泵Q=8m 3/h, H=40m, N= 2.2Kw	Set	2	2,065.53	977.22	4,131.06	1,954.44	6,085.50	8,519.70	1,434,300.01	-
4.1.22	fire water tank	高位消防水箱	Set	2	79,722.59	22,630.52	159,445.18	45,261.04	204,706.22	286,588.71	48,247,495.58	-
4.1.23	anti-backflow equipment DN250	倒流防止器DN25 0	Set	8	5,475.49	803.72	43,803.92	6,429.76	50,233.68	70,327.15	11,839,646.37	-
4.1.24	safety relief valve DN200	安全泄压阀DN25 0	Set	2	2,329.47	724.88	4,658.94	1,449.76	6,108.70	8,552.18	1,439,768.06	-
4.1.25	safety relief valve DN150	安全泄压阀DN15 0	Set	2	1,746.64	545.00	3,493.28	1,090.00	4,583.28	6,416.59	1,080,239.68	-
4.1.26	water test valve DN65	试水阀DN65	Set	4	257.91	86.43	1,031.64	345.72	1,377.36	1,928.30	324,631.91	-
4.1.27	electric contact pressure gauge DN200	电接点压力表DN 250	Set	2	138.91	240.39	277.82	480.78	758.60	1,062.04	178,795.50	-
4.1.28	electric contact pressure gauge DN150	电接点压力表DN 150	Set	2	108.70	240.39	217.40	480.78	698.18	977.45	164,555.02	-
4.1.29	pressure gauge Y- 200	压力表Y-250	Set	12	157.03	240.39	1,884.36	2,884.68	4,769.04	6,676.66	1,124,021.71	-
4.1.30	pressure gauge Y- 150	压力表Y-150	Set	8	36.23	240.39	289.84	1,923.12	2,212.96	3,098.14	521,575.64	-
4.1.31	flygate	蝶阀DN250	Set	4	703.62	563.97	2,814.48	2,255.88	5,070.36	7,098.50	1,195,040.25	-
4.1.32	flygate	蝶阀DN150	Set	2	402.21	358.86	804.42	717.72	1,522.14	2,131.00	358,755.31	-

**LRMTS Orange Line Schedule of Price for  
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USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	UNIT 单位	QTY 数量	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
4.1.33	sluice valve DN200	闸阀DN250	Set	12	1,244.15	1,119.76	14,929.80	13,437.12	28,366.92	39,713.69	6,685,839.09	-
4.1.34	sluice valve DN150	闸阀DN150	Set	8	1,003.16	682.86	8,025.28	5,462.88	13,488.16	18,883.42	3,179,043.31	-
4.1.35	sluice valve DN65	闸阀DN65	Set	8	368.41	453.25	2,947.28	3,626.00	6,573.28	9,202.59	1,549,265.57	-
4.1.36	flexible rubber joint DN200	可曲挠橡胶软接头DN200	Set	12	256.08	1,008.62	3,072.96	12,103.44	15,176.40	21,246.96	3,576,946.96	-
4.1.37	flexible rubber joint DN150	可曲挠橡胶软接头DN150	Set	8	155.83	607.71	1,246.64	4,861.68	6,108.32	8,551.65	1,439,678.49	-
4.1.38	hydraulic ball float valve DN150	水力浮球阀DN150	Set	2	1,549.15	355.93	3,098.30	711.86	3,810.16	5,334.22	898,021.94	-
<b>4.2</b>	<b>Fire Fighting Pipeline</b>	<b>消防管道</b>	<b>lot</b>	<b>2</b>	<b>427,806.17</b>	<b>626,397.39</b>	<b>855,612.34</b>	<b>1,252,794.78</b>	<b>2,108,407.12</b>	<b>2,951,769.97</b>	<b>496,933,425.88</b>	<b>-</b>
	<b>Fire Fighting System Equipment</b>								<b>6,783,889.53</b>			<b>-</b>
	<b>Fire Fighting System Installation &amp; Commissioning</b>								<b>4,863,342.11</b>			<b>-</b>
	<b>Subtotal Price</b>								<b>11,647,231.64</b>			<b>-</b>
<b>Water Supply &amp; Drainage</b>												
<b>Bill No.5、 Station Water Supply &amp; Drainage System车站（26座）</b>												
<b>5</b>	<b>Station</b>						<b>3,162,937.30</b>	<b>2,617,605.19</b>	<b>5,780,542.49</b>			<b>-</b>
<b>5.1</b>	<b>Water drainage pipeline</b>	<b>排水管道</b>					<b>550,096.04</b>	<b>1,074,390.46</b>	<b>1,624,486.50</b>			<b>-</b>
5.1.1	outside drainage pipeline	室外排水管道	lot	26	15,538.74	12,358.39	404,007.24	321,318.14	725,325.38	1,015,455.53	170,952,954.27	13,150,227.25
5.1.2	inside drainage pipeline	室内排水管道	lot	26	4,560.28	30,022.84	118,567.28	780,593.84	899,161.12	1,258,825.57	211,924,543.20	16,301,887.94
<b>5.2</b>	<b>Water drainage equipment</b>	<b>排水设备</b>					<b>1,212,075.97</b>	<b>458,771.19</b>	<b>1,670,847.16</b>			<b>-</b>
5.2.1	water meter DN80	水表DN80	Set	27	434.85	405.18	11,740.95	10,939.86	22,680.81	31,753.13	5,345,671.86	-
5.2.2	water meter DN50	水表DN50	Set	1	214.41	273.10	214.41	273.10	487.51	682.51	114,901.91	-
5.2.3	hand basin	洗手盆	Set	224	628.72	88.33	140,833.28	19,785.92	160,619.20	224,866.88	37,856,564.11	3,549,052.89
5.2.4	slop sink westbank	污水盆	Set	85	535.10	93.83	45,483.50	7,975.55	53,459.05	74,842.67	12,599,838.34	1,037,633.75

**LRMTS Orange Line Schedule of Price for  
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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
5.2.5	disabled toilet	残疾人大便器	Set	29	766.43	187.10	22,226.47	5,425.90	27,652.37	38,713.32	6,517,425.80	674,216.46
5.2.6	squatting stool pan	蹲式大便器	Set	165	383.50	189.92	63,277.50	31,336.80	94,614.30	132,460.02	22,299,776.83	1,486,651.79
5.2.7	Seated closet pan	坐式大便器	Set	61	766.43	187.10	46,752.23	11,413.10	58,165.33	81,431.46	13,709,068.06	1,797,910.57
5.2.8	tap	水嘴	Set	558	237.36	7.58	132,446.88	4,229.64	136,676.52	191,347.13	32,213,480.35	2,886,512.58
5.2.9	floor drain DN100	地漏 DN100	Set	460	63.41	101.73	29,168.60	46,795.80	75,964.40	106,350.16	17,904,155.79	895,207.79
5.2.10	floor drain DN50	地漏 DN50	Set	254	41.06	19.21	10,429.24	4,879.34	15,308.58	21,432.01	3,608,100.65	525,589.47
5.2.11	cleanout	清扫口	Set	106	72.47	11.14	7,681.82	1,180.84	8,862.66	12,407.72	2,088,852.74	118,236.95
5.2.12	bath trap de110	存水弯 De110	Set	254	27.18	37.82	6,903.72	9,606.28	16,510.00	23,114.00	3,891,265.01	337,038.70
5.2.13	bath trap de50	存水弯 De50	Set	248	15.09	18.89	3,742.32	4,684.72	8,427.04	11,797.86	1,986,180.86	168,184.67
5.2.14	automatic air valve DN15	自动排气阀 DN15	Set	136	23.55	21.82	3,202.80	2,967.52	6,170.32	8,638.45	1,454,291.36	106,933.19
5.2.15	DN40 cut-off valve DN40	截止阀 DN40	Set	97	268.77	27.04	26,070.69	2,622.88	28,693.57	40,171.00	6,762,827.68	697,198.73
5.2.16	cut-off valve DN32	截止阀 DN32	Set	153	192.07	15.97	29,386.71	2,443.41	31,830.12	44,562.17	7,502,085.54	490,332.39
5.2.17	cut-off valve DN25	截止阀 DN25	Set	103	140.71	13.11	14,493.13	1,350.33	15,843.46	22,180.84	3,734,167.27	-
5.2.18	sluice valve DN50	闸阀 DN50	Set	26	270.56	234.54	7,034.56	6,098.04	13,132.60	18,385.64	3,095,240.88	833,334.08
5.2.19	abat-vent	通气帽	Set	25	27.18	198.52	679.50	4,963.00	5,642.50	7,899.50	1,329,888.72	-
5.2.20	flush hydrant box	冲洗栓箱	Set	152	410.71	198.52	62,427.92	30,175.04	92,602.96	129,644.14	21,825,721.29	1,435,902.72
5.2.21	The main waste water pump Q=50m3/h, H=25m, N=7.5KW	主废水泵Q=50m3/h, H=25m, N=7.5KW	Set	4	2,965.45	977.22	11,861.80	3,908.88	15,770.68	22,078.95	3,717,013.65	1,858,506.82
5.2.22	Local waste water pump Q=10m3/h, H=15m, N=1.5KW	局部排水泵Q=10m3/h, H=15m, N=1.5KW	Set	64	1,509.88	977.22	96,632.32	62,542.08	159,174.40	222,844.16	37,516,037.18	-
5.2.23	drainage Pump control cabinet	排水泵组泵组控制柜	Set	32	5,798.01	1,730.43	185,536.32	55,373.76	240,910.08	337,274.11	56,780,434.03	35,487,771.27
5.2.24	slow - closure check valve DN150	缓闭止回阀 DN150	Set	4	1,692.29	441.45	6,769.16	1,765.80	8,534.96	11,948.94	2,011,616.67	-
5.2.25	slow - closure check valve DN80	缓闭止回阀 DN80	Set	64	840.70	252.38	53,804.80	16,152.32	69,957.12	97,939.97	16,488,291.55	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
5.2.26	flexible rubber joint DN150	可曲挠橡胶软接头 DN150	Set	4	155.83	607.68	623.32	2,430.72	3,054.04	4,275.66	719,810.96	-
5.2.27	flexible rubber joint DN80	可曲挠橡胶软接头 DN80	Set	64	68.24	327.14	4,367.36	20,936.96	25,304.32	35,426.05	5,964,010.61	-
5.2.28	flexible rubber joint DN65	可曲挠橡胶软接头 DN65	Set	104	68.24	327.14	7,096.96	34,022.56	41,119.52	57,567.33	9,691,517.24	-
5.2.29	sewage sealing lifting device	污水密闭提升装置	Set	2	90,593.85	26,245.52	181,187.70	52,491.04	233,678.74	327,150.24	55,076,069.38	55,076,069.38
<b>5.3</b>	<b>Water supply pipeline</b>	<b>给水管道</b>					<b>888,928.04</b>	<b>825,366.62</b>	<b>1,714,294.66</b>			-
5.3.1	Water supply pipeline	室外给水管道	lot	26	25,727.00	24,556.91	668,902.00	638,479.66	1,307,381.66	1,830,334.32	308,138,613.78	23,702,970.29
5.3.2	Water supply pipeline	室内给水管道	lot	26	6,709.99	8,940.51	174,459.74	232,453.26	406,913.00	569,678.20	95,905,894.65	7,377,376.51
<b>5.4</b>	<b>Water supply equipment</b>	<b>给水设备</b>					<b>476,726.94</b>	<b>244,508.49</b>	<b>721,235.43</b>			-
5.4.1	water supply pump Q=10m3/h, H=30m, N=2.2KW	给水泵给水泵Q=10m3/h, H=30m, N=2.2KW	Set	48	1,144.50	977.22	54,936.00	46,906.56	101,842.56	142,579.58	24,003,415.55	-
5.4.2	water supply pump Q=25m3/h, H=25m, N=3KW	给水泵Q=25m3/h, H=25m, N=3KW	Set	2	1,811.89	977.22	3,623.78	1,954.44	5,578.22	7,809.51	1,314,738.48	-
5.4.3	water supply pump Q=10m3/h, H=25m, N=2.2KW	给水泵Q=10m3/h, H=25m, N=2.2KW	Set	2	1,495.40	977.22	2,990.80	1,954.44	4,945.24	6,923.34	1,165,550.54	1,165,550.54
5.4.4	regulator tank V=300L	给水稳压罐V=300L	Set	25	4,106.92	1,119.23	102,673.00	27,980.75	130,653.75	182,915.25	30,793,965.25	2,463,517.22
5.4.5	Pump control cabinet	给水泵组控制柜	Set	26	5,798.01	1,730.43	150,748.26	44,991.18	195,739.44	274,035.22	46,134,102.65	3,548,777.13
5.4.6	pressure gauge Y-65	压力表Y-65	Set	78	27.18	240.39	2,120.04	18,750.42	20,870.46	29,218.64	4,918,987.94	-
5.4.7	sluice valve DN80	闸阀 DN80	Set	78	437.25	385.47	34,105.50	30,066.66	64,172.16	89,841.02	15,124,826.23	-
5.4.8	sluice valve DN65	闸阀 DN65	Set	104	368.41	453.25	38,314.64	47,138.00	85,452.64	119,633.70	20,140,452.36	2,517,556.54
5.4.9	check valve DN80	止回阀 DN80	Set	26	840.70	254.88	21,858.20	6,626.88	28,485.08	39,879.11	6,713,688.38	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
5.4.10	check valve DN65	止回阀 DN65	Set	78	663.16	224.21	51,726.48	17,488.38	69,214.86	96,900.80	16,313,347.25	836,581.91
5.4.11	hydraulic ball float valve DN25	水力浮球阀DN25	Set	26	524.24	25.03	13,630.24	650.78	14,281.02	19,993.43	3,365,913.60	258,916.43
<b>5.5</b>	<b>Material outside the station</b>	<b>室外材料</b>				0.00	<b>35,110.31</b>	<b>14,568.43</b>	<b>49,678.74</b>			-
5.5.1	metal bellowDN150	金属波纹管 DN150	Set	110	280.22	101.30	30,824.20	11,143.00	41,967.20	58,754.08	9,891,308.12	359,683.93
5.5.2	metal bellowDN80	金属波纹管 DN80	Set	1	115.97	72.37	115.97	72.37	188.34	263.68	44,390.12	-
5.5.3	metal bellow DN65	金属波纹管 DN65	Set	2	91.82	63.98	183.64	127.96	311.60	436.24	73,441.44	36,720.72
5.5.4	metal bellowDN50	金属波纹管 DN50	Set	50	79.73	64.50	3,986.50	3,225.00	7,211.50	10,096.10	1,699,688.53	33,993.77
<b>Bill No.6、 High Voltage Substation Water Supply &amp; Drainage System变电所(2座)</b>												
<b>6</b>	<b>High Voltage Substation</b>						<b>168,005.98</b>	<b>114,297.44</b>	<b>282,303.42</b>			-
<b>6.1</b>	<b>Water drainage pipeline</b>	<b>排水管道</b>	<b>lot</b>	<b>2</b>	<b>13,282.01</b>	<b>13,363.68</b>	<b>26,564.02</b>	<b>26,727.36</b>	<b>53,291.38</b>	74,607.93	12,560,319.96	-
<b>6.2</b>	<b>Water drainage equipment</b>	<b>排水设备</b>					<b>57,318.78</b>	<b>26,955.30</b>	<b>84,274.08</b>			-
6.2.1	water meter DN40	水表 DN40	Set	2	434.85	405.18	869.70	810.36	1,680.06	2,352.08	395,975.69	-
6.2.2	hand basin	洗手盆	Set	4	628.72	182.80	2,514.88	731.20	3,246.08	4,544.51	765,073.14	-
6.2.3	slop sink westbank	污水盆	Set	2	535.10	194.22	1,070.20	388.44	1,458.64	2,042.10	343,788.90	-
6.2.4	squatting stool pan	蹲式大便器	Set	2	383.50	408.67	767.00	817.34	1,584.34	2,218.08	373,415.31	-
6.2.5	tap	水嘴	Set	6	237.36	5.22	1,424.16	31.32	1,455.48	2,037.67	343,044.12	-
6.2.6	cleanout	清扫口	Set	4	72.47	23.05	289.88	92.20	382.08	534.91	90,052.97	-
6.2.7	floor drain DN100	地漏 DN100	Set	2	63.41	85.23	126.82	170.46	297.28	416.19	70,066.34	-
6.2.8	floor drain DN50	地漏 DN50	Set	6	41.06	39.76	246.36	238.56	484.92	678.89	114,291.47	-
6.2.9	bath trap U De110	U型存水弯 De110	Set	2	24.14	62.14	48.28	124.28	172.56	241.58	40,670.91	-
6.2.10	automatic air valve DN15	自动排气阀 DN15	Set	2	23.55	45.12	47.10	90.24	137.34	192.28	32,369.86	-
6.2.11	cut-off valve DN40	截止阀 DN40	Set	6	268.77	55.97	1,612.62	335.82	1,948.44	2,727.82	459,230.55	-



**LRMTS Orange Line Schedule of Price for  
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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
6.2.12	cut-off valve DN32	截止阀 DN32	Set	6	192.07	33.06	1,152.42	198.36	1,350.78	1,891.09	318,367.23	-
6.2.13	cut-off valve DN25	截止阀 DN25	Set	4	140.71	27.11	562.84	108.44	671.28	939.79	158,214.92	-
6.2.14	Local waste water pump Q=10m3/h, H=10 m, N=0.75KW	局部排水泵Q=10 m3/h, H=10m, N=0.75KW	Set	8	1,509.88	977.22	12,079.04	7,817.76	19,896.80	27,855.52	4,689,504.65	-
6.2.15	drainage Pump control cabinet	排水泵组泵组控 制柜	Set	4	5,798.01	1,730.43	23,192.04	6,921.72	30,113.76	42,159.26	7,097,554.25	-
6.2.16	slow - closure check valve DN80	缓闭止回阀 DN80	Set	8	840.70	252.38	6,725.60	2,019.04	8,744.64	12,242.50	2,061,036.44	-
6.2.17	rubber flexible connectors DN80	可曲挠橡胶软接 头DN80	Set	8	68.24	186.00	545.92	1,488.00	2,033.92	2,847.49	479,377.45	-
6.2.18	rubber flexible connectors DN50	可曲挠橡胶软接 头DN50	Set	8	68.24	186.00	545.92	1,488.00	2,033.92	2,847.49	479,377.45	-
6.2.19	sluice valve DN80	闸阀 DN80	Set	8	437.25	385.47	3,498.00	3,083.76	6,581.76	9,214.46	1,551,264.23	-
<b>6.3</b>	<b>Water supply pipeline</b>	<b>给水管道</b>	<b>lot</b>	<b>2</b>	<b>24,218.27</b>	<b>16,598.35</b>	<b>48,436.54</b>	<b>33,196.70</b>	<b>81,633.24</b>	<b>114,286.54</b>	<b>19,240,252.62</b>	<b>-</b>
<b>6.4</b>	<b>Water supply equipment</b>	<b>给水设备</b>					<b>33,198.36</b>	<b>19,110.78</b>	<b>52,309.14</b>			<b>-</b>
6.4.1	water tank V=1m3	给水水箱V=1m3	Set	2	1,207.91	371.90	2,415.82	743.80	3,159.62	4,423.47	744,695.26	-
6.4.2	water supply pump Q=5m3/h, H=15 m, N=0.55KW	给水泵Q=5m3/h , H=15m, N=0.5 5KW	Set	4	1,207.91	977.22	4,831.64	3,908.88	8,740.52	12,236.73	2,060,065.40	-
6.4.3	regulator tank V=150L	给水稳压罐V=15 0L	Set	2	3,502.95	1,019.05	7,005.90	2,038.10	9,044.00	12,661.60	2,131,593.02	-
6.4.4	sluice valve DN50	闸阀 DN50	Set	6	270.56	234.54	1,623.36	1,407.24	3,030.60	4,242.84	714,286.36	-
6.4.5	cut-off valve DN40	截止阀 DN40	Set	8	268.77	55.97	2,150.16	447.76	2,597.92	3,637.09	612,307.40	-
6.4.6	water supply Pump control cabinet	给水泵组控制柜	Set	2	5,798.01	1,730.43	11,596.02	3,460.86	15,056.88	21,079.63	3,548,777.13	-
6.4.7	pressure gauge Y- 50	压力表Y-50	Set	6	27.18	240.39	163.08	1,442.34	1,605.42	2,247.59	378,383.69	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
6.4.8	pressure gauge Y-40	压力表Y-40	Set	6	13.08	240.39	78.48	1,442.34	1,520.82	2,129.15	358,444.19	-
6.4.9	check valve DN50	止回阀 DN50	Set	2	593.68	1,429.20	1,187.36	2,858.40	4,045.76	5,664.06	953,550.84	-
6.4.10	check valve DN40	止回阀 DN40	Set	6	183.01	218.50	1,098.06	1,311.00	2,409.06	3,372.68	567,794.72	-
6.4.11	hydraulic ball float valve DN25	水力浮球阀DN25	Set	2	524.24	25.03	1,048.48	50.06	1,098.54	1,537.96	258,916.43	-
<b>6.5</b>	<b>Material outside the station</b>	<b>站外材料</b>					<b>2,488.28</b>	<b>8,307.30</b>	<b>10,795.58</b>			-
6.5.1	metal bellowDN150	金属波纹管 DN150	Set	4	280.22	101.30	1,120.88	405.20	1,526.08	2,136.51	359,683.93	-
6.5.2	metal bellowDN50	金属波纹管 DN50	Set	2	79.73	64.57	159.46	129.14	288.60	404.04	68,020.54	-
6.5.3	Brick wells LXS150	砖砌水表井 LXS150	Set	2	603.97	3,886.48	1,207.94	7,772.96	8,980.90	12,573.26	2,116,720.89	-
<b>Bill No.7、 Depot &amp; Stabling Yard Water Supply &amp; Drainage System车辆段、停车场</b>												
<b>7</b>	<b>Depot &amp; Stabling Yard</b>						<b>5,233,984.14</b>	<b>4,037,886.03</b>	<b>9,271,870.17</b>			-
<b>7.1</b>	<b>Water drainage pipeline</b>	<b>排水管道</b>					<b>1,715,935.46</b>	<b>2,098,373.10</b>	<b>3,814,308.56</b>			-
7.1.1	outside drainage pipeline	室外排水管道	lot	2	755,625.09	741,701.48	1,511,250.18	1,483,402.96	2,994,653.14	4,192,514.40	705,813,991.08	-
7.1.2	inside drainage pipeline	室内排水管道	lot	2	50,868.54	358,959.17	101,737.08	717,918.34	819,655.42	1,147,517.59	193,185,733.46	-
<b>7.2</b>	<b>Water drainage equipment</b>	<b>排水设备</b>					<b>2,006,298.06</b>	<b>753,027.85</b>	<b>2,759,325.91</b>			-
7.2.1	sprinkler bolt	洒水栓	Set	40	79.73	392.03	3,189.20	15,681.20	18,870.40	26,418.56	4,447,590.99	-
7.2.2	sewage pump Q=15m3/h, H=10m, N=1.5KW	排水泵Q=15m3/h, H=10m, N=1.5KW	Set	58	1,135.44	977.22	65,855.52	56,678.76	122,534.28	171,547.99	28,880,276.00	-
7.2.3	drainage Pump control cabinet	排水泵组泵组控制柜	Set	29	5,798.01	1,730.43	168,142.29	50,182.47	218,324.76	305,654.66	51,457,268.34	-
7.2.4	hand basin	洗手盆	Set	180	628.72	182.80	113,169.60	32,904.00	146,073.60	204,503.04	34,428,291.29	-
7.2.5	slop sink westbank	污水盆	Set	380	535.10	203.45	203,338.00	77,311.00	280,649.00	392,908.60	66,146,555.72	-
7.2.6	squatting stool pan	蹲式大便器	Set	117	383.50	408.67	44,869.50	47,814.39	92,683.89	129,757.45	21,844,795.79	-
7.2.7	electric boiler	电开水器	Set	54	1,087.12	235.95	58,704.48	12,741.30	71,445.78	100,024.09	16,839,155.91	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
7.2.8	tap	水嘴	Set	990	237.36	39.13	234,986.40	38,738.70	273,725.10	383,215.14	64,514,652.03	-
7.2.9	shower head	淋浴花洒	Set	57	927.09	153.26	52,844.13	8,735.82	61,579.95	86,211.93	14,513,864.63	-
7.2.10	check valve DN32	止回阀 DN32	Set	45	163.44	205.32	7,354.80	9,239.40	16,594.20	23,231.88	3,911,110.23	-
7.2.11	check valve DN40	止回阀 DN40	Set	30	183.01	218.50	5,490.30	6,555.00	12,045.30	16,863.42	2,838,973.62	-
7.2.12	exhaust valve	排气阀	Set	90	54.35	45.12	4,891.50	4,060.80	8,952.30	12,533.22	2,109,980.12	-
7.2.13	cut-off valve DN20	截止阀 DN20	Set	73	128.06	21.85	9,348.38	1,595.05	10,943.43	15,320.80	2,579,272.34	-
7.2.14	cut-off valve DN25	截止阀 DN25	Set	156	140.71	27.11	21,950.76	4,229.16	26,179.92	36,651.89	6,170,382.00	-
7.2.15	cut-off valve DN32	截止阀 DN32	Set	110	192.07	33.06	21,127.70	3,636.60	24,764.30	34,670.02	5,836,732.54	-
7.2.16	cut-off valve DN40	截止阀 DN40	Set	54	268.77	55.97	14,513.58	3,022.38	17,535.96	24,550.34	4,133,074.96	-
7.2.17	cut-off valve DN50	截止阀 DN50	Set	126	193.26	58.34	24,350.76	7,350.84	31,701.60	44,382.24	7,471,794.49	-
7.2.18	sluice valve DN50	闸阀 DN50	Set	6	270.56	234.54	1,623.36	1,407.24	3,030.60	4,242.84	714,286.36	-
7.2.19	sluice valve DN65	闸阀 DN65	Set	8	368.41	453.25	2,947.28	3,626.00	6,573.28	9,202.59	1,549,265.57	-
7.2.20	sluice valve DN80	闸阀 DN80	Set	24	437.25	385.47	10,494.00	9,251.28	19,745.28	27,643.39	4,653,792.69	-
7.2.21	cleanout	清扫口	Set	370	72.47	35.21	26,813.90	13,027.70	39,841.60	55,778.24	9,390,322.48	-
7.2.22	floor drain DN100	地漏 DN100	Set	85	63.41	85.23	5,389.85	7,244.55	12,634.40	17,688.16	2,977,819.42	-
7.2.23	floor drain DN50	地漏 DN50	Set	561	41.06	58.69	23,034.66	32,925.09	55,959.75	78,343.65	13,189,231.82	-
7.2.24	abat-vent	通气帽	Set	49	27.18	198.52	1,331.82	9,727.48	11,059.30	15,483.02	2,606,581.90	-
7.2.25	expansion joints	伸缩节	Set	1382	8.46	31.30	11,691.72	43,256.60	54,948.32	76,927.65	12,950,846.47	-
7.2.26	standpipe inspection openings	立管检查口	Set	283	1,062.97	179.34	300,820.51	50,753.22	351,573.73	492,203.22	82,862,904.63	-
7.2.27	bath trap U De110	U型存水弯 De110	Set	321	24.14	62.14	7,748.94	19,946.94	27,695.88	38,774.23	6,527,680.73	-
7.2.28	bath trap S De50	S型存水弯 De50	Set	695	9.06	26.79	6,296.70	18,619.05	24,915.75	34,882.05	5,872,428.00	-
7.2.29	Production waste water treatment system	生产废水处理设备	Set	1	59,610.75	4,191.02	59,610.75	4,191.02	63,801.77	89,322.48	15,037,528.49	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
7.2.31	Sludge drying field	污泥干化场	Set	1	0.00	60,121.77	0.00	60,121.77	60,121.77	84,170.48	14,170,184.14	-
7.2.32	water tank V=50m3	中水水箱 V=50m3	Set	1	33,217.75	22.14	33,217.75	22.14	33,239.89	46,535.85	7,834,356.21	-
7.2.33	wastewater pump Q=5m3/h, H=15 m, N=1.5Kw	生产废水提升泵 Q=5m3/h, H=15 m, N=1.5Kw	Set	4	1,715.84	977.22	6,863.36	3,908.88	10,772.24	15,081.14	2,538,924.33	-
7.2.34	wastewater Pump control cabinet	生产废水泵组控 制柜	Set	2	4,046.54	1,730.43	8,093.08	3,460.86	11,553.94	16,175.52	2,723,164.29	-
7.2.35	rainwater pump Q=2200m3/h, H=14m, N=110Kw	雨水泵Q=2200m3 /h, H=14m, N=110Kw	Set	3	89,687.90	3,558.64	269,063.70	10,675.92	279,739.62	391,635.47	65,932,222.67	-
7.2.36	rainwater pump Q=15m3/h, H=15 m, N=2.2Kw	雨水排水辅泵Q=15m3/h, H=22m, N=3Kw	Set	1	1,135.44	977.22	1,135.44	977.22	2,112.66	2,957.72	497,935.79	-
7.2.37	rainwater Pump control cabinet	雨水泵组控制柜	Set	3	2,899.01	1,730.43	8,697.03	5,191.29	13,888.32	19,443.65	3,273,357.58	-
7.2.42	Mechanical grid	雨水泵房机械格 栅	set	2	12,079.17	8,937.48	24,158.34	17,874.96	42,033.30	58,846.62	9,906,887.32	-
7.2.43	Mechanical grid	污、废水泵房机 械格栅	set	3	15,098.97	8,941.25	45,296.91	26,823.75	72,120.66	100,968.92	16,998,219.32	-
7.2.44	electric water heater	电热水器	set	54	1,811.89	546.63	97,842.06	29,518.02	127,360.08	178,304.11	30,017,675.56	-
<b>7.3</b>	<b>Water supply pipeline</b>	<b>给水管道</b>					<b>1,438,227.32</b>	<b>1,158,725.76</b>	<b>2,596,953.08</b>			-
7.3.1	outside supply pipeline	室外给水管道	lot	2	538,999.23	225,242.83	1,077,998.46	450,485.66	1,528,484.12	2,139,877.77	360,250,562.12	-
7.3.2	inside supply pipeline	室内给水管道	lot	2	143,397.15	390,837.33	286,794.30	781,674.66	1,068,468.96	1,495,856.54	251,828,945.04	-
<b>7.4</b>	<b>Water supply equipment</b>	<b>给水设备</b>					<b>67,343.59</b>	<b>24,623.47</b>	<b>91,967.06</b>			-
7.4.3	life water pumpQ=40m3/h, H=50m, N=15Kw	生产生活给水 泵Q=40m3/h, H=50m, N=15Kw	Set	2	2,603.66	977.22	5,207.32	1,954.44	7,161.76	10,026.46	1,687,965.24	-
7.4.4	life water pumpQ=25m3/h, H=45m, N=5.5K w	生产生活给水 泵Q=25m3/h, H=45m, N=5.5Kw	Set	2	1,865.25	977.22	3,730.50	1,954.44	5,684.94	7,958.92	1,339,891.47	-

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					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
7.4.5	Water pressure tank for sewage treatment station V=300L	污水处理站给水气压罐V=300L	Set	1	5,254.45	1,119.23	5,254.45	1,119.23	6,373.68	8,923.15	1,502,221.56	-
7.4.6	domestic water sterilizing equipment (sodium hypochlorite)	生活给水消毒设备 (次氯酸钠)	Set	2	12,683.15	153.26	25,366.30	306.52	25,672.82	35,941.95	6,050,862.89	-
7.4.7	Water supply Pump control cabinet	给水泵组控制柜	Set	2	5,798.01	1,730.43	11,596.02	3,460.86	15,056.88	21,079.63	3,548,777.13	-
7.4.8	pressure gauge Y-100	压力表Y-100	Set	6	30.21	240.39	181.26	1,442.34	1,623.60	2,273.04	382,668.56	-
7.4.9	pressure gauge Y-80	压力表Y-80	Set	6	19.81	240.39	118.86	1,442.34	1,561.20	2,185.68	367,961.41	-
7.4.10	sluice valve DN100	闸阀 DN100	Set	6	493.44	465.49	2,960.64	2,792.94	5,753.58	8,055.01	1,356,069.33	-
7.4.11	sluice valve DN80	闸阀 DN80	Set	8	437.25	385.47	3,498.00	3,083.76	6,581.76	9,214.46	1,551,264.23	-
7.4.12	check valve DN100	止回阀 DN100	Set	2	1,045.46	312.79	2,090.92	625.58	2,716.50	3,803.10	640,255.69	-
7.4.13	check valve DN80	止回阀 DN80	Set	6	840.70	254.88	5,044.20	1,529.28	6,573.48	9,202.87	1,549,312.70	-
7.4.14	flexible rubber joint DN80	可曲挠橡胶软接头DN80	Set	8	155.83	607.71	1,246.64	4,861.68	6,108.32	8,551.65	1,439,678.49	-
7.4.15	hydraulic ball float valve DN25	水力浮球阀DN25	Set	2	524.24	25.03	1,048.48	50.06	1,098.54	1,537.96	258,916.43	-
<b>7.5</b>	<b>Material outside the station</b>	<b>站外材料</b>					<b>6,179.71</b>	<b>3,135.85</b>	<b>9,315.56</b>			-
7.5.1	metal bellow DN150	金属波纹管 DN150	Set	<b>9</b>	280.24	90.34	2,522.16	813.06	3,335.22	4,669.31	786,082.67	-
7.5.2	metal bellow DN100	金属波纹管 DN100	Set	<b>12</b>	144.95	80.37	1,739.40	964.44	2,703.84	3,785.38	637,271.83	-
7.5.3	metal bellow DN80	金属波纹管 DN80	Set	<b>8</b>	115.96	73.77	927.68	590.16	1,517.84	2,124.98	357,741.83	-
7.5.4	metal bellow DN65	金属波纹管 DN65	Set	<b>10</b>	91.80	71.20	918.00	712.00	1,630.00	2,282.00	384,176.98	-
7.5.5	metal bellow DN32	金属波纹管 DN32	Set	<b>1</b>	72.47	56.19	72.47	56.19	128.66	180.12	30,324.06	-

**LRMTS Orange Line Schedule of Price for  
Water Supply & Drainage & Fire Fighting-Equipment & Installation**

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	UNIT 单位	QTY 数量	单价 unit priceUSD		合价 total priceUSD		合计 TotalUSD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备 Equipment (CIF)	安装及调试 Installation and commissioning	设备 Equipment (CIF)	安装及调试 Installation and commissioning				
	Water Supply & Drainage System Equipment								8,564,927.42			-
	Water Supply & Drainage System Installation & Commissioning								6,769,788.56			-
	<b>Subtotal Price</b>								<b>15,334,715.98</b>			-
	<b>Total Price</b>								<b>26,981,947.85</b>	<b>37,774,721.07</b>	<b>6,359,412,066.52</b>	<b>316,448,558.79</b>

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
<b>A</b>	<b>Parking and inspection workshop</b>	<b>停车列检库</b>										
A.1	Stationary cab boarding platform	固定式登司机室平台	set	26	2,077.27	284.64	54,009.02	7,400.64	61,409.66	85,973.52	14,473,728.74	2,171,059.31
A.2	Operating on duty scheduling system	运转值班调度系统	lot	1	282,942.27	38,608.57	282,942.27	38,608.57	321,550.84	450,171.18	75,786,767.65	11,368,015.15
A.3	Industrial cleaner	工业吸尘器 VC-1.5	set	5	3,287.44	493.87	16,437.20	2,469.35	18,906.55	26,469.17	4,456,111.24	668,416.69
A.4	Portable computer and interface serving metro vehicles	便携式计算机及接口与地铁车配套	set	6	1,451.45	0.00	8,708.70	0.00	8,708.70	12,192.18	2,052,565.70	307,884.85
A.5	High pressure cleaner	高压清洗机	set	4	11,788.79	1,768.13	47,155.16	7,072.52	54,227.68	75,918.75	12,780,997.82	1,917,149.67
A.6	Ground cleaner	地面清洗机	set	2	20,719.92	3,110.25	41,439.84	6,220.50	47,660.34	66,724.48	11,233,132.26	1,684,969.84
A.7	Tool built-for inspection shed	列检专用工具	lot	1	25,600.19	3,843.52	25,600.19	3,843.52	29,443.71	41,221.19	6,939,629.23	1,040,944.38
<b>B</b>	<b>Light repair workshop</b>	<b>双周三月检库</b>								-	-	-
B.1	Vacuum cleaner	真空吸尘器	lot	2	3,287.44	493.87	6,574.88	987.74	7,562.62	10,587.67	1,782,444.50	267,366.67
B.2	Air conditioner coolant filled and released device	空调冷媒体充放装置	set	1	8,216.72	1,234.68	8,216.72	1,234.68	9,451.40	13,231.96	2,227,613.70	334,142.05
B.3	Air conditioner running test system	空调装置运转测试台	set	1	102,236.75	13,950.89	102,236.75	13,950.89	116,187.64	162,662.70	27,384,427.53	4,107,664.13
B.4	Manual hydraulic pallet dismantling car	手动液压式托盘拆装小车	set	1	27,115.73	3,700.26	27,115.73	3,700.26	30,815.99	43,142.39	7,263,063.83	1,089,459.57
B.5	satatic transfer power	静调电源	lot	2	79,347.19	9,915.10	158,694.38	19,830.20	178,524.58	249,934.41	42,076,708.19	6,311,506.23
B.6	Monthly inspection special purpose tools	月检专用工具	lot	1	62,779.93	9,421.23	62,779.93	9,421.23	72,201.16	101,081.62	17,017,192.48	2,552,578.87
B.7	equipment platform	三层作业平台	lot	1	265,178.03	36,184.46	265,178.03	36,184.46	301,362.49	421,907.49	71,028,547.18	10,654,282.08
<b>C</b>	<b>Yearly repair and temporary repair</b>	<b>定临修库</b>								-	-	-
C.1	Bogie turntable	转向架转盘	set	1	19,704.47	2,689.53	19,704.47	2,689.53	22,394.00	31,351.60	5,278,073.21	791,710.98
C.2	Pipeline and its accessories	管道及其附件	lot	1	197,054.40	26,411.98	197,054.40	26,411.98	223,466.38	312,852.93	52,669,103.96	7,900,365.59
C.3	Yearly repair special tools	定修专用工具	lot	1	48,603.33	7,293.50	48,603.33	7,293.50	55,896.83	78,255.56	13,174,402.12	1,976,160.32
C.4	Coupler dismantling car	钩缓装置拆装小车	set	1	39,410.88	5,377.12	39,410.88	5,377.12	44,788.00	62,703.20	10,556,146.42	1,583,421.96
C.5	Bogie lifting sling	转向架吊具	lot	1	1,286.63	193.77	1,286.63	193.77	1,480.40	2,072.56	348,917.55	52,337.63
C.6	Air conditioner lifting sling	空调吊具	lot	1	552.24	83.32	552.24	83.32	635.56	889.78	149,796.03	22,469.40
C.7	Portable weelset detecting device	便携式轮对检测装置	set	1	22,033.59	3,307.65	22,033.59	3,307.65	25,341.24	35,477.74	5,972,712.33	895,906.85
C.8	3t(Diesel forklift)	内燃叉车3t	set	1	23,870.53	3,582.81	23,870.53	3,582.81	27,453.34	38,434.68	6,470,516.14	970,577.42
C.9	Movable inspection lifting platform	移动式检查坑举升台	set	2	12,928.33	1,765.24	25,856.66	3,530.48	29,387.14	41,142.00	6,926,296.17	1,038,944.43
C.10	electric single-beam bridge crane (Gn=10/3.2t S=16.5m)	电动单梁桥式起重机 (Gn=10/3.2t S=16.5m A5)	set	1	114,909.49	17,247.47	114,909.49	17,247.47	132,156.96	185,019.74	31,148,258.92	4,672,238.84
C.11	Portable generator comprehension detecting device	便携式电机综合检测设备	set	1	171,131.85	25,686.15	171,131.85	25,686.15	196,818.00	275,545.20	46,388,309.97	6,958,246.49
C.12	equipment platform	三层作业平台	lot	1	216,758.87	29,578.99	216,758.87	29,578.99	246,337.86	344,873.00	58,059,715.10	8,708,957.26

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
C.13	Underfloor Lifting Plant	固定式架车机	group	1	#####	313,703.94	2,298,966.73	313,703.94	2,612,670.67	3,657,738.94	615,784,007.95	92,367,601.19
<b>D</b>	<b>Diesel engine workshop and Engineering garage</b>	<b>内燃调机及工程车库</b>								-	-	-
D.1	Qn=3t, S=19.5m Electric single beam bridge crane	电动单梁桥式起重机 Qn=3t, S=19.5m	set	1	35,475.41	5,322.86	35,475.41	5,322.86	40,798.27	57,117.58	9,615,801.37	1,442,370.21
D.2	Rescue command vehicle	救援指挥车	set	1	100,990.99	15,158.63	100,990.99	15,158.63	116,149.62	162,609.47	27,375,466.55	27,375,466.55
D.3	Rescue engineering vehicle	救援工程车	set	1	157,912.86	23,703.88	157,912.86	23,703.88	181,616.74	254,263.44	42,805,503.71	42,805,503.71
D.4	Rescue equipment	救援设备	set	1	981,563.25	147,333.02	981,563.25	147,333.02	1,128,896.27	1,580,454.78	266,071,142.33	39,910,671.35
D.5	Diesel turning locomotive	内燃调车机	set	2	#####	183,740.46	2,448,249.08	367,480.92	2,815,730.00	3,942,022.00	663,643,345.72	331,821,672.86
D.6	electric metering pumps	电动计量加油泵	set	1	6,795.51	1,021.17	6,795.51	1,021.17	7,816.68	10,943.35	1,842,324.25	276,348.64
D.7	manual hydraulic cylinder handing car	手动液压圆桶搬运小车	set	1	920.41	137.58	920.41	137.58	1,057.99	1,481.19	249,359.14	37,403.87
D.8	automotic constant current charge and discharge motor	自动恒流恒压充放电机	set	1	15,424.09	2,313.61	15,424.09	2,313.61	17,737.70	24,832.78	4,180,623.35	627,093.50
<b>E</b>	<b>Static testing workshop</b>	<b>静调库</b>								-	-	-
E.1	Static testing power cabinet	静调电源柜500KVA	lot	2	81,565.54	10,192.30	163,131.08	20,384.60	183,515.68	256,921.95	43,253,067.54	6,487,960.13
E.2	Gauge testing device	限界测试装置	lot	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
E.3	Static testing special tools	静调专用工具	lot	1	43,700.95	6,559.11	43,700.95	6,559.11	50,260.06	70,364.08	11,845,863.91	1,776,879.59
E.4	equipment platform	三层作业平台	lot	1	203,623.20	27,784.68	203,623.20	27,784.68	231,407.88	323,971.03	54,540,847.21	8,181,127.08
<b>F</b>	<b>Under-floor wheel reprofiling lathe workshop</b>	<b>不落轮镟库</b>								-	-	-
F.1	Under-floor wheel reprofiling lathe	不落轮镟床	set	1	#####	250,963.15	1,767,814.18	250,963.15	2,018,777.33	2,826,288.26	475,808,455.20	71,371,268.28
F.2	Rail-road car	公铁两用车	set	1	495,770.23	74,415.43	495,770.23	74,415.43	570,185.66	798,259.92	134,387,856.47	20,158,178.47
F.3	Scrap iron crusher and conveyor	铁屑破碎机和输送机	set	1	141,221.51	19,270.43	141,221.51	19,270.43	160,491.94	224,688.72	37,826,570.03	5,673,985.50
F.4	Fune extractor	排烟装置	set	1	25,356.74	3,460.73	25,356.74	3,460.73	28,817.47	40,344.46	6,792,029.85	1,018,804.48
F.5	(Gn=5t S=10.5m) electric single-beam bridge crane (Gn=5t S=10.5m)	电动单梁桥式起重机	set	1	35,281.64	5,295.73	35,281.64	5,295.73	40,577.37	56,808.32	9,563,737.14	1,434,560.57
<b>G</b>	<b>Washing workshop</b>	<b>洗车库</b>			0.00	0.00	0.00	0.00	0.00	-	-	-
G.1	Train automatic washing mashine	列车自动清洗机	set	1	#####	200,541.38	1,336,055.96	200,541.38	1,536,597.34	2,151,236.28	362,162,778.30	54,324,416.75
<b>H</b>	<b>Cleaning workshop</b>	<b>吹扫库</b>								-	-	-
H.1	High-pressure jet cleaning device	高压喷射式清洗机	set	2	12,118.38	1,817.56	24,236.76	3,635.12	27,871.88	39,020.63	6,569,162.42	985,374.36



LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
H.2	Dedusting equipment with pipeline and accessory	除尘设备 (含管道及附件)	lot	1	213,474.47	29,131.38	213,474.47	29,131.38	242,605.85	339,648.19	57,180,112.43	8,577,016.87
H.3	equipment platform	设备平台	lot	1	203,623.20	27,784.68	203,623.20	27,784.68	231,407.88	323,971.03	54,540,847.21	8,181,127.08
<b>I</b>	<b>General overall workshop</b>	<b>大架修主库</b>								-	-	-
I.1	Turntable	移车台	set	1	316,480.67	42,575.14	316,480.67	42,575.14	359,055.81	502,678.13	84,626,366.54	12,693,954.98
I.2	Bogie turntable	转向架转盘	set	3	19,704.47	2,689.53	59,113.41	8,068.59	67,182.00	94,054.80	15,834,219.63	2,375,132.95
I.3	Bogie moving vehicle	转向架移动小车	set	1	4,925.63	672.38	4,925.63	672.38	5,598.01	7,837.21	1,319,402.81	197,910.42
I.4	Gn=10/3.2t S=25.5m Electric double beam bridge crane	电动双梁桥式起重机 Gn=10/3.2t S=25.5m A5	set	2	125,165.73	18,786.00	250,331.46	37,572.00	287,903.46	403,064.84	67,856,369.55	10,178,455.43
I.5	Other machanical tools	其他机械工具	lot	1	11,046.83	1,656.73	11,046.83	1,656.73	12,703.56	17,784.98	2,994,119.84	449,117.98
I.6	Rail-road car	公铁两用车	set	1	495,770.23	74,415.43	495,770.23	74,415.43	570,185.66	798,259.92	134,387,856.47	20,158,178.47
I.7	Forklift	叉车	set	3	22,767.98	3,418.10	68,303.94	10,254.30	78,558.24	109,981.54	18,515,501.57	2,777,325.24
I.8	mobile lifting jack	移动式架车机	set	5	114,948.24	15,687.62	574,741.20	78,438.10	653,179.30	914,451.02	153,948,743.67	23,092,311.55
I.9	Coupler dismantling car	钩缓装置拆装小车	set	2	39,410.88	5,377.12	78,821.76	10,754.24	89,576.00	125,406.40	21,112,292.85	3,166,843.93
I.10	Bogie dismantling tools	转向架拆装工具	lot	2	10,876.31	1,633.48	21,752.62	3,266.96	25,019.58	35,027.41	5,896,899.84	884,534.98
I.11	Craft bogie	工艺转向架	set	24	19,704.47	2,689.53	472,907.28	64,548.72	537,456.00	752,438.40	126,673,757.08	19,001,063.56
I.12	Manual hydraulic pallet dismantling car	手动液压式托盘拆装小车	set	2	27,873.81	3,803.71	55,747.62	7,607.42	63,355.04	88,697.06	14,932,238.07	2,239,835.71
I.13	Air conditioner lifting sling	空调吊具	lot	1	552.24	83.32	552.24	83.32	635.56	889.78	149,796.03	22,469.40
I.14	Storage shelf	存放架 2000×600×1800	set	4	445.67	60.07	1,782.68	240.28	2,022.96	2,832.14	476,794.27	71,519.14
I.15	Storage cabinet	存放柜 1100×500×1800	set	4	525.12	71.69	2,100.48	286.76	2,387.24	3,342.14	562,651.94	84,397.79
I.16	Tool box	工具箱 800×600×1100	set	2	346.85	48.44	693.70	96.88	790.58	1,106.81	186,332.91	27,949.94
<b>J</b>	<b>Body workshop</b>	<b>车体车间</b>								-	-	-
J.1	Movable boarding ladder	移动式升降作业车	set	4	36,357.07	4,962.45	145,428.28	19,849.80	165,278.08	231,389.31	38,954,622.06	5,843,193.31
J.2	Portable magnetic particle flaw detector	便携式裂纹磁粉探伤机DCE型	lot	1	1,982.27	298.41	1,982.27	298.41	2,280.68	3,192.95	537,536.66	80,630.50
J.3	Ultrasonic flaw detector	超声波探伤仪 CTS-26	lot	1	8,419.31	1,263.38	8,419.31	1,263.38	9,682.69	13,555.77	2,282,126.76	342,319.01
J.4	weighing equipment	称重设备	lot	1	218,138.52	32,743.25	218,138.52	32,743.25	250,881.77	351,234.48	59,130,675.61	8,869,601.34
J.5	Maintenance of lift truck	检修升降车	set	3	36,357.07	4,962.45	109,071.21	14,887.35	123,958.56	173,541.98	29,215,966.55	4,382,394.98
J.6	Electric double beam bridge crane	电动双梁桥式起重机 Gn=10/3.2t S=25.5m	set	1	126,475.62	18,983.65	126,475.62	18,983.65	145,459.27	203,642.98	34,283,498.99	5,142,524.85
J.7	Spray device	喷淋装置	set	1	262,738.56	35,851.33	262,738.56	35,851.33	298,589.89	418,025.85	70,375,069.20	10,556,260.38
<b>K</b>	<b>Motor maintenance area</b>	<b>电机检修区</b>								-	-	-
K.1	Motor blowing device	电机吹扫装置	set	1	65,684.15	8,963.80	65,684.15	8,963.80	74,647.95	104,507.13	17,593,879.84	2,639,081.98
K.2	Motor washing device	电机清洗机	set	1	147,790.32	20,190.83	147,790.32	20,190.83	167,981.15	235,173.61	39,591,712.42	5,938,756.86
K.3	Motor vacuum drying oven	电机真空干燥箱	set	1	55,084.94	8,268.17	55,084.94	8,268.17	63,353.11	88,694.35	14,931,783.19	2,239,767.48
K.4	Traction motor no-load test bed	牵引电机空载试验台	lot	1	98,526.23	13,443.76	98,526.23	13,443.76	111,969.99	156,757.99	26,390,363.70	3,958,554.56
K.5	Traction motor dismantling device	牵引电机拆装设备	lot	1	32,842.08	4,481.90	32,842.08	4,481.90	37,323.98	52,253.57	8,796,941.10	1,319,541.16

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
K.6	Traction motor bearing reaction heater	牵引电机轴承感应加热器	set	1	27,542.47	4,135.05	27,542.47	4,135.05	31,677.52	44,348.53	7,466,119.04	1,119,917.86
K.7	Dynamic balance testing machine	动平衡试验机	lot	1	40,395.23	6,063.06	40,395.23	6,063.06	46,458.29	65,041.61	10,949,819.41	1,642,472.91
K.8	Movable withstand test device	移动式耐压试验设备	set	1	6,535.86	982.41	6,535.86	982.41	7,518.27	10,525.58	1,771,991.58	265,798.74
K.9	Pinion reaction heater	小齿轮感应加热器	set	1	8,446.43	1,269.19	8,446.43	1,269.19	9,715.62	13,601.87	2,289,888.08	343,483.21
K.10	Auxiliary motor fan-pulled device	辅助电机风叶拔出器	set	1	16,422.01	2,241.92	16,422.01	2,241.92	18,663.93	26,129.50	4,398,927.79	659,839.17
K.11	Auxiliary motor fan-pulled device	辅助电机空转试验台	lot	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
K.12	Electro-thermostatic blast oven	电热鼓风干燥箱	set	1	1,176.18	176.33	1,176.18	176.33	1,352.51	1,893.51	318,774.98	47,816.25
K.13	Dedusting grinder	除尘式砂轮机	set	1	1,654.80	248.03	1,654.80	248.03	1,902.83	2,663.96	448,480.67	67,272.10
K.14	Bench drilling machine	台式钻床	set	1	937.85	139.51	937.85	139.51	1,077.36	1,508.30	253,924.49	38,088.67
K.15	Traction motor turning machine	牵引电机整体翻转架	set	1	39,410.88	5,377.12	39,410.88	5,377.12	44,788.00	62,703.20	10,556,146.42	1,583,421.96
K.16	Rotor storage shelf	转子存放架	set	2	3,941.28	536.74	7,882.56	1,073.48	8,956.04	12,538.46	2,110,861.61	316,629.24
K.17	Vice bench	钳工台 2500×800×800	set	1	1,860.19	253.84	1,860.19	253.84	2,114.03	2,959.64	498,258.69	74,738.80
K.18	Motor maintenance bench	电机检修工作台 1800×800×750	set	2	4,925.63	672.38	9,851.26	1,344.76	11,196.02	15,674.43	2,638,805.63	395,820.84
K.19	Electric single beam bridge crane	电动单梁桥式起重机 Gn=3.0t S=16.5m Gn=3.0t S=16.5m	set	1	34,049.26	5,111.65	34,049.26	5,111.65	39,160.91	54,825.27	9,229,889.70	1,384,483.46
K.20	Gn=2t, S=6.0m Electric single beam suspension crane	电动悬挂起重机Gn=2t, S=6.0m H=5.4m	set	2	30,328.88	4,553.60	60,657.76	9,107.20	69,764.96	97,670.94	16,443,001.09	2,466,450.16
K.21	motor bearing vibration tester	电机轴承振动测试仪	set	1	4,040.10	606.50	4,040.10	606.50	4,646.60	6,505.24	1,095,163.66	164,274.55
K.22	diameter meter	径跳测量仪	set	1	2,755.41	414.67	2,755.41	414.67	3,170.08	4,438.11	747,160.59	112,074.09
<b>L</b>	<b>coupler maintenance area</b>	<b>钩缓检修区</b>								-	-	-
L.1	coupler maintenance special tools	钩缓检修专用工具	lot	1	41,716.74	6,260.71	41,716.74	6,260.71	47,977.45	67,168.43	11,307,872.36	1,696,180.85
L.2	Electro-hydraulic pressure testing machine	电液式压力试验机 YA-2000 type	set	1	19,096.03	2,865.86	19,096.03	2,865.86	21,961.89	30,746.65	5,176,228.60	776,434.29
L.3	Movable magnetic particle flaw detector	移动式磁粉探伤机 CDJ-1000	set	1	8,419.31	1,263.38	8,419.31	1,263.38	9,682.69	13,555.77	2,282,126.76	342,319.01
L.4	Coupler bedstand	车钩试验台	set	1	118,219.08	16,135.23	118,219.08	16,135.23	134,354.31	188,096.03	31,666,155.42	4,749,923.31
L.5	Dedusting grinder	除尘式砂轮机	set	1	1,654.80	248.03	1,654.80	248.03	1,902.83	2,663.96	448,480.67	67,272.10
L.6	cleaning tank	清洗槽 1200×600×600	set	1	9,853.20	1,342.83	9,853.20	1,342.83	11,196.03	15,674.44	2,638,807.99	395,821.20
L.7	Vice bench	钳工台 2500×800×800	set	1	1,860.19	253.84	1,860.19	253.84	2,114.03	2,959.64	498,258.69	74,738.80
L.8	Double station workbench	双人工作台 2500×800×80	set	1	1,616.04	220.90	1,616.04	220.90	1,836.94	2,571.72	432,950.96	64,942.64
L.9	Buffer test table	缓冲器试验台	set	1	65,684.15	8,963.80	65,684.15	8,963.80	74,647.95	104,507.13	17,593,879.84	2,639,081.98

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

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					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
L.10	Gn=2.0t S=16.5m Electric single beam bridge crane	电动单梁桥式起重机 Gn=2.0t S=16.5m	set	1	33,847.74	5,080.65	33,847.74	5,080.65	38,928.39	54,499.75	9,175,086.74	1,376,263.01
<b>M</b>	<b>Air compressor workshop</b>	<b>空压机间</b>								-	-	-
M.1	Screw air compressor	螺杆式空气压缩机 (排气量: 20m <sup>3</sup> /min 1.00MPa)	set	2	82,629.34	12,403.22	165,258.68	24,806.44	190,065.12	266,091.17	44,796,714.22	6,719,507.13
M.2	Non-heating regeneration drier	无热再生干燥器 (20m <sup>3</sup> /min 1.00MPa)	set	1	11,459.56	1,720.68	11,459.56	1,720.68	13,180.24	18,452.34	3,106,469.22	465,970.38
M.3	Compressed air distributor	压缩空气分配器	set	1	1,102.55	164.70	1,102.55	164.70	1,267.25	1,774.15	298,679.93	44,801.99
M.4	Air tank	储气罐 (5m <sup>3</sup> , 1.00MPa)	set	2	4,406.33	662.69	8,812.66	1,325.38	10,138.04	14,193.26	2,389,448.84	358,417.33
M.5	Efficient oil removal filter	高效除油过滤器 选配自动排污GYL-20/8	lot	1	2,755.41	414.67	2,755.41	414.67	3,170.08	4,438.11	747,160.59	112,074.09
<b>N</b>	<b>Doors, windows and seats workshop</b>	<b>门窗座椅检修间</b>								-	-	-
N.1	Hacksaw machine	弓锯床	set	1	7,343.88	1,102.55	7,343.88	1,102.55	8,446.43	11,825.00	1,990,750.91	298,612.64
N.2	Vertical driller	立式钻床	set	1	11,752.15	1,765.24	11,752.15	1,765.24	13,517.39	18,924.35	3,185,932.57	477,889.89
N.3	Dedusting grinder	除尘式砂轮机	set	1	1,654.80	248.03	1,654.80	248.03	1,902.83	2,663.96	448,480.67	67,272.10
N.4	Doors pressure-test device	车门压力试验器手提式	set	1	12,118.38	1,817.56	12,118.38	1,817.56	13,935.94	19,510.32	3,284,581.21	492,687.18
N.5	Metal cutter	金属材料切割设备	set	1	3,048.00	457.30	3,048.00	457.30	3,505.30	4,907.42	826,169.06	123,925.36
N.6	Grinding wheel cutter	砂轮切割机	set	1	513.49	77.51	513.49	77.51	591.00	827.40	139,293.62	20,894.04
N.7	Ultrasonic washing devive	超声波清洗机	set	1	11,752.15	1,765.24	11,752.15	1,765.24	13,517.39	18,924.35	3,185,932.57	477,889.89
N.8	Doors testing device	车门试验装置	set	1	147,788.38	20,167.58	147,788.38	20,167.58	167,955.96	235,138.34	39,585,775.35	5,937,866.30
N.9	Door workbench	车门工作台	set	1	3,030.56	414.67	3,030.56	414.67	3,445.23	4,823.32	812,011.08	121,801.66
N.10	Glass table	玻璃工作台 2500×1000×800	set	1	2,102.40	286.78	2,102.40	286.78	2,389.18	3,344.85	563,109.18	84,466.38
N.11	Rubber strip and floor material workbench	橡胶条、地板面料工作台 2500×1000×800	set	1	2,102.40	286.78	2,102.40	286.78	2,389.18	3,344.85	563,109.18	84,466.38
N.12	Vice bench	钳工台 2500×800×800	set	1	1,860.19	253.84	1,860.19	253.84	2,114.03	2,959.64	498,258.69	74,738.80
N.13	Double station workbench	双人工作台 2500×800×800	set	1	1,616.04	220.90	1,616.04	220.90	1,836.94	2,571.72	432,950.96	64,942.64
N.14	Gate drive mechanism disassembly lifts	门驱动机构拆装升降台	set	1	7,553.15	1,030.86	7,553.15	1,030.86	8,584.01	12,017.61	2,023,177.33	303,476.60
N.15	Doorway page detachable lift	门页拆装升降机	set	1	59,115.35	8,066.65	59,115.35	8,066.65	67,182.00	94,054.80	15,834,219.63	2,375,132.95
N.16	Floor dedacted correction device	地板专用修整设备	set	1	16,526.64	2,480.26	16,526.64	2,480.26	19,006.90	26,609.66	4,479,762.87	671,964.43
N.17	Gn=2.0t S=25.5m Electric single beam bridge crane	电动单梁桥式起重机 Gn=2.0t S=25.5m	set	1	40,641.32	6,099.88	40,641.32	6,099.88	46,741.20	65,437.68	11,016,498.87	1,652,474.83
<b>O</b>	<b>Bogie repair workshop</b>	<b>转向架检修间</b>								-	-	-
O.1	Gn=3t, S=6.0m L=8.0m Electric single beam suspension crane	电动单梁悬挂起重机 type Gn=3t, S=6.0m L=8.0m	set	1	31,522.00	4,582.66	31,522.00	4,582.66	36,104.66	50,546.52	8,509,557.86	1,276,433.68
O.2	Bogie lifting platform	转向架提升台	set	6	88,136.00	11,653.33	528,816.00	69,919.98	598,735.98	838,230.37	141,116,921.36	21,167,538.20
O.3	Bogie frame turning machine	构架翻转机	set	2	118,644.00	15,687.62	237,288.00	31,375.24	268,663.24	376,128.54	63,321,615.16	9,498,242.27
O.4	Frame repair support	构架检修支架	set	12	4,068.00	536.74	48,816.00	6,440.88	55,256.88	77,359.63	13,023,571.41	1,953,535.71
O.5	Axle wheel dismantle machine	轴箱轮对拆卸机	set	1	74,576.00	9,859.02	74,576.00	9,859.02	84,435.02	118,209.03	19,900,608.07	2,985,091.21

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					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
O.6	Column crane Q=200kg R=4m	定柱式起重机PDJ type235 Q=200kg R=4m	set	1	9,256.39	1,387.39	9,256.39	1,387.39	10,643.78	14,901.29	2,508,647.41	376,297.11
O.7	Axle box washing machine	轴箱清洗机	set	1	101,694.00	13,443.76	101,694.00	13,443.76	115,137.76	161,192.86	27,136,979.85	4,070,546.98
O.8	Axlebox transport car	轴箱运输平板小车	set	1	2,712.00	358.47	2,712.00	358.47	3,070.47	4,298.66	723,683.37	108,552.51
O.9	Wheelset washing and derusting device	轮对清洗除锈机	set	1	142,372.00	18,820.88	142,372.00	18,820.88	161,192.88	225,670.03	37,991,775.56	5,698,766.33
O.10	Wheelset fluorescent magnetic particle flaw detector	轮对荧光磁粉探伤机	set	1	136,456.00	19,842.05	136,456.00	19,842.05	156,298.05	218,817.27	36,838,106.22	5,525,715.93
O.11	Automatic wheel-rim ultrasonic flaw detector	轮辋超声自动化探伤机	set	1	33,898.00	4,481.90	33,898.00	4,481.90	38,379.90	53,731.86	9,045,812.36	1,356,871.85
O.12	Mcro control type wheels and axles ultrasonic flaw detector	轮轴微控超声波探伤机	set	1	289,970.00	42,170.17	289,970.00	42,170.17	332,140.17	464,996.24	78,282,581.66	11,742,387.25
O.13	Digital ultrasonic flaw detector	数字式超声波探伤仪 KW-4	set	1	16,856.00	2,451.19	16,856.00	2,451.19	19,307.19	27,030.07	4,550,538.64	682,580.80
O.14	Wheelset rotary plate	轮对转盘	set	2	16,950.00	2,241.92	33,900.00	4,483.84	38,383.84	53,737.38	9,046,740.99	1,357,011.15
O.15	Digital wheel lathe	数控车轮车床	set	1	585,516.00	85,148.35	585,516.00	85,148.35	670,664.35	938,930.09	158,069,819.58	23,710,472.94
O.16	Automatic washing,detect and restore bearing flow line	轴承清洗、检测、储存自动线	set	1	406,780.00	53,776.99	406,780.00	53,776.99	460,556.99	644,779.79	108,549,321.75	16,282,398.26
O.17	Annular magnetic particle flaw detector	环形磁粉探伤仪	set	1	56,290.00	8,186.78	56,290.00	8,186.78	64,476.78	90,267.49	15,196,622.55	2,279,493.38
O.18	Bearing roller magnetic particle flaw detecto	轴承碾子磁粉探伤机	set	1	40,256.00	5,855.73	40,256.00	5,855.73	46,111.73	64,556.42	10,868,138.20	1,630,220.73
O.19	Bearing inner race heater and control panel	轴承内圈加热器及控制屏ZJK-2	set	1	24,638.00	3,582.81	24,638.00	3,582.81	28,220.81	39,509.13	6,651,402.22	997,710.33
O.20	wheelset no-load testing device	轮对空转试验装置	set	1	108,474.00	14,340.92	108,474.00	14,340.92	122,814.92	171,940.89	28,946,420.44	4,341,963.07
O.21	Bogie static load test bed	转向架静载试验台	set	1	622,630.38	84,253.13	622,630.38	84,253.13	706,883.51	989,636.91	166,606,364.11	24,990,954.62
O.22	Wheelset press-fit machine	轮对压装机250t	set	1	#####	178,595.87	1,189,848.56	178,595.87	1,368,444.43	1,915,822.20	322,530,583.53	48,379,587.53
O.23	High-press oiling press-fit device	高压压装注油设备	set	1	6,568.80	895.22	6,568.80	895.22	7,464.02	10,449.63	1,759,205.32	263,880.80
O.24	Vertical lathe	立式车床	set	1	479,245.53	71,933.24	479,245.53	71,933.24	551,178.77	771,650.28	129,908,095.95	19,486,214.39
O.25	Lifting sling	起重吊具	set	1	10,283.37	1,544.35	10,283.37	1,544.35	11,827.72	16,558.81	2,787,691.89	418,153.78
O.26	Dedusting grinder	除尘式砂轮机	set	1	1,654.80	248.03	1,654.80	248.03	1,902.83	2,663.96	448,480.67	67,272.10
O.27	Bench drilling machine	台式钻床	set	1	937.85	139.51	937.85	139.51	1,077.36	1,508.30	253,924.49	38,088.67
O.28	SX-4000 Ultrasonic cleaning machine	超声波清洗机	set	1	17,627.26	2,644.96	17,627.26	2,644.96	20,272.22	28,381.11	4,777,987.91	716,698.19
O.29	Air spring dismantling test bed	空气弹簧分解组装台	set	1	4,925.63	672.38	4,925.63	672.38	5,598.01	7,837.21	1,319,402.81	197,910.42
O.30	Air spring test bed	空气弹簧试验台	set	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
O.31	Oil damper testing bed	油压减振器试验台	set	1	98,526.23	13,443.76	98,526.23	13,443.76	111,969.99	156,757.99	26,390,363.70	3,958,554.56
O.32	single column rectified press-fit machine	单柱校正压装压力机 Y41-63	set	1	15,790.32	2,369.81	15,790.32	2,369.81	18,160.13	25,424.18	4,280,186.46	642,027.97

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					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
O.33	Primary spring testing machine	一系弹簧试验机	lot	1	27,910.63	4,189.31	27,910.63	4,189.31	32,099.94	44,939.92	7,565,679.80	1,134,851.97
O.34	Double station vice bench	双人钳工台 2500×800×800	set	1	1,860.19	253.84	1,860.19	253.84	2,114.03	2,959.64	498,258.69	74,738.80
O.35	Double station vice bench	双人工作台 2500×800×800	set	1	1,616.04	220.90	1,616.04	220.90	1,836.94	2,571.72	432,950.96	64,942.64
O.36	Bogie frame detector	构架检测仪	set	1	118,984.47	17,859.78	118,984.47	17,859.78	136,844.25	191,581.95	32,253,012.86	4,837,951.93
O.37	Coupling dismantling device (including pump)	联轴节拆装设备 (含泵)	lot	1	9,853.20	1,342.83	9,853.20	1,342.83	11,196.03	15,674.44	2,638,807.99	395,821.20
O.38	Vertical column type crane	立柱式起重机	set	1	9,870.64	1,480.40	9,870.64	1,480.40	11,351.04	15,891.46	2,675,342.51	401,301.38
O.39	Complex spring dismantling device	复合弹簧拆装设备	lot	1	26,273.27	3,586.68	26,273.27	3,586.68	29,859.95	41,803.93	7,037,733.42	1,055,660.01
O.40	Core pin dismantling car	中心销拆装小车	set	1	26,273.27	3,586.68	26,273.27	3,586.68	29,859.95	41,803.93	7,037,733.42	1,055,660.01
O.41	Gn=10/3.2t S=25.5m Electric double beam bridge crane	电动双梁桥式起重机 Gn=10/3.2t S=25.5m	set	1	122,621.53	18,406.21	122,621.53	18,406.21	141,027.74	197,438.84	33,239,025.48	4,985,853.82
O.42	Gn=5.0t S=25.5m Electric single beam bridge crane	电动单梁桥式起重机 Gn=5.0t S=25.5m	set	1	47,929.01	7,194.68	47,929.01	7,194.68	55,123.69	77,173.17	12,992,179.67	1,948,826.95
O.43	Gn=3.0t S=25.5m Electric single beam bridge crane	电动单梁桥式起重机 Gn=3.0t S=25.5m	set	2	42,154.66	6,326.59	84,309.32	12,653.18	96,962.50	135,747.50	22,853,227.37	3,427,984.11
O.44	Gn=2.0t S=25.5m Electric single beam bridge crane	电动单梁桥式起重机 Gn=2.0t S=25.5m	set	1	39,139.60	5,875.11	39,139.60	5,875.11	45,014.71	63,020.59	10,609,580.02	1,591,437.00
O.45	Bogie cleaner	转向架清洗机	set	1	315,137.84	42,575.14	315,137.84	42,575.14	357,712.98	500,798.17	84,309,873.05	12,646,480.96
O.46	Bearing inner race dismantling car	轴承内环退卸小车	set	1	19,704.47	2,689.53	19,704.47	2,689.53	22,394.00	31,351.60	5,278,073.21	791,710.98
O.47	Wheels and axles repair device	轮轴检修装置	set	1	72,252.96	9,859.02	72,252.96	9,859.02	82,111.98	114,956.77	19,353,087.52	2,902,963.13
O.48	Shot-blasting device	抛丸装置	lot	1	290,852.65	39,687.97	290,852.65	39,687.97	330,540.62	462,756.87	77,905,581.48	11,685,837.22
O.49	Automatic washing machine parts	零部件自动清洗机	set	1	26,273.27	3,586.68	26,273.27	3,586.68	29,859.95	41,803.93	7,037,733.42	1,055,660.01
O.50	Single column hydraulic machine	单柱式校正液压机	set	1	10,283.37	1,544.35	10,283.37	1,544.35	11,827.72	16,558.81	2,787,691.89	418,153.78
O.51	bogie turntable	转向架转盘	set	3	19,704.47	2,689.53	59,113.41	8,068.59	67,182.00	94,054.80	15,834,219.63	2,375,132.95
<b>P</b>	<b>Fusion welding workshop</b>	<b>熔焊间</b>								-	-	-
P.1	Silicon rectifier archway welder	硅整流弧焊机	set	1	1,910.57	286.78	1,910.57	286.78	2,197.35	3,076.29	517,896.50	77,684.47
P.2	Silicon rectifier archway welder	硅整流弧焊机	set	1	2,092.72	313.91	2,092.72	313.91	2,406.63	3,369.28	567,221.99	85,083.30
P.3	AC arc welding machine	交流弧焊机	set	1	441.80	65.88	441.80	65.88	507.68	710.75	119,655.81	17,948.37
P.4	AC arc welding machine	交流弧焊机	set	1	1,247.88	187.96	1,247.88	187.96	1,435.84	2,010.18	338,415.14	50,762.27
P.5	AC arc welding machine	交流手工氩弧焊机	set	1	920.41	137.58	920.41	137.58	1,057.99	1,481.19	249,359.14	37,403.87
P.6	LGK8-90/120 type Air Plasma Cutter	空气等离子切割机	set	1	3,489.80	523.18	3,489.80	523.18	4,012.98	5,618.17	945,824.87	141,873.73
P.7	Movable welding cutter(Welding thickness:20mm, cutting thickness 30mm)	移动式焊接切割设备	set	1	6,243.27	937.85	6,243.27	937.85	7,181.12	10,053.57	1,692,528.23	253,879.23

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

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序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
P.8	Gas shielded welding machine	气体保护焊机	set	1	2,278.74	342.97	2,278.74	342.97	2,621.71	3,670.39	617,914.50	92,687.18
P.9	Gas welding device	气焊设备	set	1	1,102.55	164.70	1,102.55	164.70	1,267.25	1,774.15	298,679.93	44,801.99
P.10	Portable welding machine	手提式弧焊机	set	1	257.71	38.75	257.71	38.75	296.46	415.04	69,873.07	10,480.96
P.11	Welding rod drying cabinet	焊条干燥箱 GW-3	set	1	2,389.18	358.47	2,389.18	358.47	2,747.65	3,846.71	647,597.48	97,139.62
P.12	Mobile dust catche	移动式烟尘净化装置	set	3	4,592.35	689.82	13,777.05	2,069.46	15,846.51	22,185.11	3,734,886.13	560,232.92
<b>Q</b>	<b>Braking compressor repair workshop</b>	<b>制动空压机检修间</b>								-	-	-
Q.1	Compressor load running-in test bed	空压机负载磨合试验台	set	1	98,526.23	13,443.76	98,526.23	13,443.76	111,969.99	156,757.99	26,390,363.70	3,958,554.56
Q.2	Compressor assembling bench	空压机组装平台	set	1	13,137.61	1,790.43	13,137.61	1,790.43	14,928.04	20,899.26	3,518,410.65	527,761.60
Q.3	Movable air compressor	移动式空压机	set	1	3,158.45	474.74	3,158.45	474.74	3,633.19	5,086.47	856,311.64	128,446.75
Q.4	Braking comprehensive test bed	制动综合试验台	set	1	72,252.96	9,859.02	72,252.96	9,859.02	82,111.98	114,956.77	19,353,087.52	2,902,963.13
Q.5	Brake unit test bed	单元制动器试验台	set	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
Q.6	Brake unit test bed	制动单元拆卸设备	set	1	39,410.88	5,377.12	39,410.88	5,377.12	44,788.00	62,703.20	10,556,146.42	1,583,421.96
Q.7	Valves comprehensive test bed	阀门综合试验台	set	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
Q.8	Automaitic component cleaning machine	自动零件清洗机	set	1	21,409.65	2,922.05	21,409.65	2,922.05	24,331.70	34,064.38	5,734,772.44	860,215.87
Q.9	Electrothermal constant-temperature dry box	电热恒温干燥箱 IOI-2 type	set	1	1,176.18	176.33	1,176.18	176.33	1,352.51	1,893.51	318,774.98	47,816.25
Q.10	Bench drilling machine	台式钻床	set	1	937.85	139.51	937.85	139.51	1,077.36	1,508.30	253,924.49	38,088.67
Q.11	Vice bench	钳工台 2500×800×800	set	1	1,860.19	253.84	1,860.19	253.84	2,114.03	2,959.64	498,258.69	74,738.80
Q.12	Double station workbench	双人工作台 2500×800×800	set	1	1,616.04	220.90	1,616.04	220.90	1,836.94	2,571.72	432,950.96	64,942.64
Q.13	Electric single beam bridge crane Q=3t S=16.5m	电动单梁桥式起重机 (Q=2t S=25.5m A5)	set	1	39,139.60	5,875.11	39,139.60	5,875.11	45,014.71	63,020.59	10,609,580.02	1,591,437.00
Q.14	Magnetic particle inspection machine	马蹄形磁粉探伤机	set	1	4,030.42	606.50	4,030.42	606.50	4,636.92	6,491.69	1,092,882.17	163,932.32
Q.15	Tower dryer exploded special equipment	双塔干燥器分解专用设备	set	1	9,853.20	1,342.83	9,853.20	1,342.83	11,196.03	15,674.44	2,638,807.99	395,821.20
Q.16	Tower dryer test bench	双塔干燥器试验台	set	1	72,252.96	9,859.02	72,252.96	9,859.02	82,111.98	114,956.77	19,353,087.52	2,902,963.13
<b>R</b>	<b>Electronic maintenance area</b>	<b>电子检修区</b>								-	-	-
R.1	Ultrasonic washing devive	超声波清洗机 SX-JL-1000	set	1	3,123.57	468.92	3,123.57	468.92	3,592.49	5,029.49	846,719.00	127,007.85
R.2	Electro-thermostatic blast oven	电热鼓风干燥箱 101-1	set	1	1,176.18	176.33	1,176.18	176.33	1,352.51	1,893.51	318,774.98	47,816.25
R.3	Semiconductor element test bench	半导体元件测试台	set	1	1,836.94	275.15	1,836.94	275.15	2,112.09	2,956.93	497,801.45	74,670.22
R.4	Thyristor component comprehensive parameter test bench	可控硅元件综合参数测试仪	set	1	24,604.91	3,693.26	24,604.91	3,693.26	28,298.17	39,617.44	6,669,635.30	1,000,445.30
R.5	Numerical frequency calculator	数字频率计 NFC-100 10MHZ	set	1	660.76	98.82	660.76	98.82	759.58	1,063.41	179,026.47	26,853.97
R.6	High frequency signal generator	高频信号发生器 XFG7	set	1	2,168.29	325.53	2,168.29	325.53	2,493.82	3,491.35	587,771.93	88,165.79

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

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序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
R.7	low-frequency signal generator	低频信号发生器 XD7	set	1	589.06	89.13	589.06	89.13	678.19	949.47	159,843.55	23,976.53
R.8	Function signal generator	函数信号发生器	set	1	9,915.21	1,486.22	9,915.21	1,486.22	11,401.43	15,962.00	2,687,219.00	403,082.85
R.9	Oscilloscope	双踪示波器	set	1	15,790.32	2,369.81	15,790.32	2,369.81	18,160.13	25,424.18	4,280,186.46	642,027.97
R.10	Logic analyzer	逻辑分析仪	set	1	5,508.88	827.40	5,508.88	827.40	6,336.28	8,870.79	1,493,406.70	224,011.01
R.11	DC stabilized voltage power supply	直流稳压电源 (50A 150V )	set	1	3,158.45	474.74	3,158.45	474.74	3,633.19	5,086.47	856,311.64	128,446.75
R.12	AC stabilized voltage power supply	交流稳压电源 614A-A 2.0	set	1	552.24	83.06	552.24	83.06	635.30	889.42	149,734.75	22,460.21
R.13	Tunable plus-minus output voltage supply	可调双电源双输出 (0-30V)	set	1	1,176.18	176.33	1,176.18	176.33	1,352.51	1,893.51	318,774.98	47,816.25
R.14	Sweep generator	扫频仪 BT3G 100MHZ	set	1	1,982.27	298.41	1,982.27	298.41	2,280.68	3,192.95	537,536.66	80,630.50
R.15	Transistor curve tracer	晶体管特性图示仪 JT-1	set	1	3,268.90	490.24	3,268.90	490.24	3,759.14	5,262.80	885,996.97	132,899.55
R.16	Electric circuit test bench	电子线路测试台	set	1	11,246.41	1,687.74	11,246.41	1,687.74	12,934.15	18,107.81	3,048,467.92	457,270.19
R.17	8-channel recorder	8通道记录仪	set	1	15,055.93	2,259.36	15,055.93	2,259.36	17,315.29	24,241.41	4,081,064.94	612,159.74
R.18	Vacuum cleaner	吸尘器	set	1	3,379.35	507.68	3,379.35	507.68	3,887.03	5,441.84	916,139.54	137,420.93
S	<b>Electrical equipment maintenance area</b>	<b>电器检修区</b>								-	-	-
S.1	Electrical equipment comprehensive test bed	电器综合试验台	set	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
S.2	Ultrasonic washing devive	超声波清洗机 SX-JL-2000	lot	1	6,977.66	1,048.30	6,977.66	1,048.30	8,025.96	11,236.34	1,891,649.75	283,747.46
S.3	Electro-thermostatic blast oven	电热鼓风干燥箱 101-4	set	1	3,489.80	523.18	3,489.80	523.18	4,012.98	5,618.17	945,824.87	141,873.73
S.4	Driver controller test bed	司机控制器试验台	set	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
S.5	Movable withstand test device	移动式耐压试验设备 ZNY-7 0~5KV	set	1	6,535.86	982.41	6,535.86	982.41	7,518.27	10,525.58	1,771,991.58	265,798.74
S.6	Velocity sensor test bed	速度传感器试验台	set	1	39,410.88	5,377.12	39,410.88	5,377.12	44,788.00	62,703.20	10,556,146.42	1,583,421.96
S.7	Relay test bed	继电器试验台	set	1	39,410.88	5,377.12	39,410.88	5,377.12	44,788.00	62,703.20	10,556,146.42	1,583,421.96
S.8	AC stabilized voltage power supply	交流稳压电源	set	1	809.96	122.08	809.96	122.08	932.04	1,304.86	219,673.81	32,951.07
S.9	Tunable plus-minus output voltage supply	可调双电源	set	1	1,176.18	176.33	1,176.18	176.33	1,352.51	1,893.51	318,774.98	47,816.25
S.10	Train broadcasting test device	列车广播测试设备	lot	1	153,504.59	20,946.54	153,504.59	20,946.54	174,451.13	244,231.58	41,116,631.06	6,167,494.66
S.11	Voltage and current sensor test bed	电压电流传感器试验台	set	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
S.12	Main contactor maintenance device	主接触器检修设备	lot	1	39,410.88	5,377.12	39,410.88	5,377.12	44,788.00	62,703.20	10,556,146.42	1,583,421.96
S.13	Bench drilling machine	台式钻床	set	1	937.85	139.51	937.85	139.51	1,077.36	1,508.30	253,924.49	38,088.67
S.14	Vice bench	钳工台 2500×800×800	set	2	1,860.19	253.84	3,720.38	507.68	4,228.06	5,919.28	996,517.38	149,477.61
S.15	Double station workbench	双人工作台 2500×800×800	set	4	1,616.04	220.90	6,464.16	883.60	7,347.76	10,286.86	1,731,803.84	259,770.58
S.16	Gn=3t, S=6.0m Electric single beam suspension crane	电动单梁悬挂起重 Gn=3t, S=6.0m	set	1	30,462.58	4,571.03	30,462.58	4,571.03	35,033.61	49,047.05	8,257,120.59	1,238,568.09

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					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
S.17	Q=3t S=16.5m Electric single beam bridge crane	电动单梁桥式起重机Q=3t S=16.5m	set	1	33,624.91	5,045.77	33,624.91	5,045.77	38,670.68	54,138.95	9,114,346.71	1,367,152.01
S.18	Solenoid valve test bench	电磁阀试验台	set	1	39,410.88	5,377.12	39,410.88	5,377.12	44,788.00	62,703.20	10,556,146.42	1,583,421.96
S.19	Spring tension and compression test machine	弹簧拉压试验机	set	1	9,915.21	1,486.22	9,915.21	1,486.22	11,401.43	15,962.00	2,687,219.00	403,082.85
<b>T</b>	<b>Inverter maintenance area</b>	<b>逆变器检修区</b>								-	-	-
T.1	Main inverter and auxiliary inverter computer detecting machine	主辅逆变器电脑检测仪	lot	1	29,303.84	4,398.58	29,303.84	4,398.58	33,702.42	47,183.39	7,943,370.55	1,191,505.58
T.2	High speed circuit breaker test bed	高速断路器试验台	set	1	85,390.56	11,653.33	85,390.56	11,653.33	97,043.89	135,861.45	22,872,410.30	3,430,861.54
T.3	Traction inverter test bed	牵引逆变器试验台	set	1	197,054.40	26,889.46	197,054.40	26,889.46	223,943.86	313,521.40	52,781,641.88	7,917,246.28
T.4	Auxiliary inverter test bed	辅助逆变器试验台	set	1	197,054.40	26,889.46	197,054.40	26,889.46	223,943.86	313,521.40	52,781,641.88	7,917,246.28
T.5	Vice bench	钳工台 2500×800×800	set	2	1,860.19	253.84	3,720.38	507.68	4,228.06	5,919.28	996,517.38	149,477.61
T.6	Double station workbench	双人工作台 2500×800×800	set	2	1,616.04	220.90	3,232.08	441.80	3,673.88	5,143.43	865,901.92	129,885.29
<b>U</b>	<b>Air conditioning maintenance area</b>	<b>空调检修区</b>								-	-	-
U.1	Air conditioning unit comprehensive performance test bed	空调机组综合性能试验台	set	1	105,095.03	14,340.92	105,095.03	14,340.92	119,435.95	167,210.33	28,150,026.27	4,222,503.94
U.2	Air conditioner coolant filled and released device	空调冷媒体充放装置	set	1	8,216.72	1,234.68	8,216.72	1,234.68	9,451.40	13,231.96	2,227,613.70	334,142.05
U.3	Dynamic balance testing machine	动平衡机 YYW-160	set	1	24,604.91	3,693.26	24,604.91	3,693.26	28,298.17	39,617.44	6,669,635.30	1,000,445.30
U.4	Dedusting grinder	除尘式砂轮机	set	1	1,654.80	248.03	1,654.80	248.03	1,902.83	2,663.96	448,480.67	67,272.10
U.5	Bench drilling machine	台式钻床	set	1	937.85	139.51	937.85	139.51	1,077.36	1,508.30	253,924.49	38,088.67
U.6	Rotary-vane vacuum pump	旋片式真空泵 2x-8	set	1	2,755.41	414.67	2,755.41	414.67	3,170.08	4,438.11	747,160.59	112,074.09
U.7	Coolant leakage detecting machine	冷媒体泄露检测仪	set	1	623.94	93.01	623.94	93.01	716.95	1,003.73	168,978.95	25,346.84
U.8	Air conditioning unit maintenance bench	空调机组检修台 3300×2400×500	set	2	6,568.80	895.22	13,137.60	1,790.44	14,928.04	20,899.26	3,518,410.65	527,761.60
U.9	Air conditioning carrying car	空调搬运小车	set	2	6,568.80	895.22	13,137.60	1,790.44	14,928.04	20,899.26	3,518,410.65	527,761.60
U.10	Q=2t S=25.5m Electric single beam bridge crane	电动单梁桥式起重机 Q=2t S=25.5m	set	1	39,139.60	5,875.11	39,139.60	5,875.11	45,014.71	63,020.59	10,609,580.02	1,591,437.00
U.11	Extractor fan impeller	风机叶轮拔出器	set	1	6,568.80	895.22	6,568.80	895.22	7,464.02	10,449.63	1,759,205.32	263,880.80
U.12	Refrigerant circuit high and low pressure gauge	制冷剂回路中高低压压力表	set	1	158.89	23.25	158.89	23.25	182.14	255.00	42,928.83	6,439.32
U.13	High pressure cleaner	高压清洗机	set	1	2,203.16	331.35	2,203.16	331.35	2,534.51	3,548.31	597,362.21	89,604.33
U.14	Gn=2t, S=6.0m Electric single beam suspension crane	电动单梁悬挂起重机 Gn=2t, S=6.0m	set	1	30,076.98	4,514.84	30,076.98	4,514.84	34,591.82	48,428.55	8,152,994.48	1,222,949.17
U.15	High-pressure jet cleaning device	高压喷射式清洗机	set	1	12,118.38	1,817.56	12,118.38	1,817.56	13,935.94	19,510.32	3,284,581.21	492,687.18
<b>V</b>	<b>Transport car storage</b>	<b>运输车辆存放间</b>								-	-	-
V.1	1t Battery forklift	蓄电池叉车1T	set	2	26,441.85	3,968.41	52,883.70	7,936.82	60,820.52	85,148.73	14,334,873.51	2,150,231.03



LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

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序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
V.2	2t Battery forklift	蓄电池叉车2T	set	2	34,520.13	5,179.47	69,040.26	10,358.94	79,399.20	111,158.88	18,713,708.61	2,807,056.29
V.3	3t Battery forklift	蓄电池叉车3T	set	1	41,131.56	6,173.51	41,131.56	6,173.51	47,305.07	66,227.10	11,149,398.18	1,672,409.73
V.4	1t Battery baggage car	蓄电池搬运车1T	set	1	15,424.09	2,313.61	15,424.09	2,313.61	17,737.70	24,832.78	4,180,623.35	627,093.50
V.5	2t Battery baggage car	蓄电池搬运车2T	set	3	16,892.87	2,534.51	50,678.61	7,603.53	58,282.14	81,595.00	13,736,599.17	2,060,489.88
V.6	4t Battery baggage car	蓄电池搬运车4T	set	1	24,236.75	3,639.00	24,236.75	3,639.00	27,875.75	39,026.05	6,570,074.54	985,511.18
<b>W</b>	<b>Battery maintenance room</b>	<b>蓄电池检修间</b>								-	-	-
W.1	Automatic constant voltage constant current charge and discharge machine	自动恒流恒压充放电机	set	3	15,424.09	2,313.61	46,272.27	6,940.83	53,213.10	74,498.34	12,541,870.04	1,881,280.51
W.2	Charging bench	充电台	set	3	2,224.48	304.22	6,673.44	912.66	7,586.10	10,620.54	1,787,978.53	268,196.78
W.3	Gn=2t S=8m Explosion-proof single beam suspension crane	防爆单梁悬挂起重机BX型 Gn=2t S=8m A5	set	1	29,303.84	4,398.58	29,303.84	4,398.58	33,702.42	47,183.39	7,943,370.55	1,191,505.58
W.4	Battery testing equipment	蓄电池检测装置	set	1	16,526.64	2,480.26	16,526.64	2,480.26	19,006.90	26,609.66	4,479,762.87	671,964.43
W.5	Battery testing filler car	蓄电池测量加液小车	set	1	25,852.79	3,528.55	25,852.79	3,528.55	29,381.34	41,133.88	6,924,929.16	1,038,739.37
W.6	Cleaning tank	清洗槽	set	1	19,704.47	2,689.53	19,704.47	2,689.53	22,394.00	31,351.60	5,278,073.21	791,710.98
<b>X</b>	<b>Paint spraying shop</b>	<b>喷漆库</b>								-	-	-
X.1	Pretreatment device	预处理设备	lot	1	14,139.40	1,928.01	14,139.40	1,928.01	16,067.41	22,494.37	3,786,950.36	568,042.55
X.2	Electric tools	电工工具	lot	1	4,406.33	662.69	4,406.33	662.69	5,069.02	7,096.63	1,194,724.42	179,208.66
X.3	Type Movable air compressor	移动式空压机	set	1	13,220.93	1,986.14	13,220.93	1,986.14	15,207.07	21,289.90	3,584,175.62	537,626.34
X.4	Pretreatment car	预处理工作小车	set	2	18,179.50	2,480.26	36,359.00	4,960.52	41,319.52	57,847.33	9,738,655.52	1,460,798.33
X.5	Vehicle body spray-painting device	车体喷漆装置	lot	1	396,616.19	59,584.28	396,616.19	59,584.28	456,200.47	638,680.66	107,522,527.45	16,128,379.12
X.6	Component spray-painting device	零件喷漆装置	lot	1	26,236.46	3,582.81	26,236.46	3,582.81	29,819.27	41,746.98	7,028,145.49	1,054,221.82
<b>Y</b>	<b>Outdoor equipment</b>	<b>室外设备 (含室外工艺管路)</b>								-	-	-
Y.1	Electrical bibeam bridge crane with Gn=5t, S=16.5m	电动双梁桥式起重机 Gn=5t, S=16.5m	set	1	41,838.82	6,278.15	41,838.82	6,278.15	48,116.97	67,363.76	11,340,756.02	1,701,113.40
Y.2	Compressing air pipeline	空气压缩管路	lot	1	85,390.56	11,653.33	85,390.56	11,653.33	97,043.89	135,861.45	22,872,410.30	3,430,861.54
<b>Z</b>	<b>Car Garage</b>	<b>汽车库</b>								-	-	-
Z.1	Large bus with 45 seats	大型客车45座	set	2	189,127.27	28,387.31	378,254.54	56,774.62	435,029.16	609,040.82	102,532,631.76	102,532,631.76
Z.2	Medium bus with 11 seats	中型客车11座	set	2	77,120.46	11,575.82	154,240.92	23,151.64	177,392.56	248,349.58	41,809,900.82	41,809,900.82
Z.3	Small bus	小型客车	set	3	49,577.99	7,440.77	148,733.97	22,322.31	171,056.28	239,478.79	40,316,494.11	40,316,494.11
Z.4	Light truck	轻型载重汽车1.5吨	set	2	30,480.02	4,574.91	60,960.04	9,149.82	70,109.86	98,153.80	16,524,291.06	16,524,291.06
Z.5	Medium-duty truck	中型载重汽车5吨	set	1	53,249.93	7,993.01	53,249.93	7,993.01	61,242.94	85,740.12	14,434,434.27	14,434,434.27
Z.6	Heavy-duty truck	重型载重汽车10吨	set	1	69,774.64	10,473.27	69,774.64	10,473.27	80,247.91	112,347.07	18,913,742.25	18,913,742.25
<b>AA</b>	<b>Training center</b>	<b>培训中心</b>								-	-	-
AA.1	Projector/Sound equipment/printer/ups	投影仪、音响设备、打印机、UPS	lot	6	4,354.01	652.89	26,124.06	3,917.36	30,041.42	42,057.99	7,080,504.34	1,062,075.65
<b>AB</b>	<b>Comprehensive Maintenance center</b>	<b>综合维修中心</b>								-	-	-
—	<b>Machining repair room</b>	<b>机加工检修间</b>								-	-	-

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
AB1.1	Gn=2t, S=10.5m Electric single beam bridge crane	电动单梁桥式起重机 Gn=2t, S=16.5m	set	1	33,847.74	5,080.65	33,847.74	5,080.65	38,928.39	54,499.75	9,175,086.74	1,376,263.01
AB.1.2	Steel plate shearer	剪板机 Q11-6.3×2500	set	1	22,767.98	3,418.10	22,767.98	3,418.10	26,186.08	36,660.51	6,171,833.86	925,775.08
AB.1.3	Horizontal lathe	卧式车床 CA6140 400×1500	set	1	17,627.26	2,644.96	17,627.26	2,644.96	20,272.22	28,381.11	4,777,987.91	716,698.19
AB.1.4	Horizontal lathe	卧式车床 CA6150 500×2000	set	1	20,198.58	3,030.56	20,198.58	3,030.56	23,229.14	32,520.80	5,474,908.53	821,236.28
AB.1.5	Electrothermal constant-temperature dry box	电热恒温干燥箱 101-1	set	1	1,176.18	176.33	1,176.18	176.33	1,352.51	1,893.51	318,774.98	47,816.25
AB.1.6	Grinding wheel cutter	砂轮切割机	set	1	513.49	77.51	513.49	77.51	591.00	827.40	139,293.62	20,894.04
AB.1.7	Pipe bender	弯管机 WA27Y-60 60×5	set	1	19,464.20	2,922.05	19,464.20	2,922.05	22,386.25	31,340.75	5,276,246.60	791,436.99
AB.1.8	Hack sawing machine	弓锯机	set	1	7,343.88	1,102.55	7,343.88	1,102.55	8,446.43	11,825.00	1,990,750.91	298,612.64
AB.1.9	Dedusting grinder	除尘式砂轮机	set	1	1,654.80	248.03	1,654.80	248.03	1,902.83	2,663.96	448,480.67	67,272.10
AB.1.10	Arm drilling machine	摇臂钻床	set	1	24,973.08	3,747.51	24,973.08	3,747.51	28,720.59	40,208.83	6,769,196.07	1,015,379.41
AB.1.11	Bench drilling machine	台式钻床	set	1	937.85	139.51	937.85	139.51	1,077.36	1,508.30	253,924.49	38,088.67
AB.1.12	Universal knee-type milling machine	万能升降台铣床 XA6132	set	1	40,395.23	6,063.06	40,395.23	6,063.06	46,458.29	65,041.61	10,949,819.41	1,642,472.91
AB.1.13	Surface grinding machine in horizontal	卧轴矩台平面磨床	set	1	32,683.19	4,906.26	32,683.19	4,906.26	37,589.45	52,625.23	8,859,510.10	1,328,926.51
AB.1.14	Square pillar vertical drilling machine	方柱立式钻床	set	1	11,752.15	1,765.24	11,752.15	1,765.24	13,517.39	18,924.35	3,185,932.57	477,889.89
AB.1.15	Single column rectified press-fit hydraulic machine	单柱校正压装液压机 YH41-40C	set	1	10,283.37	1,544.35	10,283.37	1,544.35	11,827.72	16,558.81	2,787,691.89	418,153.78
AB.1.16	Bolt knot threading machine	螺栓套丝机 S8139	set	1	10,101.23	1,517.22	10,101.23	1,517.22	11,618.45	16,265.83	2,738,368.75	410,755.31
AB.1.17	Electric threading machine	电动套丝机 ZIT-R(2)	set	1	1,358.33	203.46	1,358.33	203.46	1,561.79	2,186.51	368,100.47	55,215.07
AB.1.18	Churn drill	冲击钻 PR25b type	set	1	1,003.73	149.20	1,003.73	149.20	1,152.93	1,614.10	271,735.69	40,760.35
AB.1.19	Crossed platform	划线平台	set	1	4,040.10	606.50	4,040.10	606.50	4,646.60	6,505.24	1,095,163.66	164,274.55
AB.1.20	Shaper	牛头刨床 BD6063C	set	1	16,526.64	2,480.26	16,526.64	2,480.26	19,006.90	26,609.66	4,479,762.87	671,964.43
AB.1.21	Gap-bed lathe	马鞍车床 CD6240A	set	1	21,299.20	3,197.21	21,299.20	3,197.21	24,496.41	34,294.97	5,773,593.17	866,038.98
AB.1.22	Vice bench	钳工台 2500×800×800	set	1	1,860.19	253.84	1,860.19	253.84	2,114.03	2,959.64	498,258.69	74,738.80
AB.1.23	Double station workbench	双人工作台 2500×800×800	set	1	1,616.04	220.90	1,616.04	220.90	1,836.94	2,571.72	432,950.96	64,942.64
二	<b>Fusion welding workshop</b>	<b>熔焊间</b>								-	-	-
AB.2.1	Drain cleaner	管道疏通机	set	1	13,587.15	2,038.46	13,587.15	2,038.46	15,625.61	21,875.85	3,682,821.90	552,423.28
AB.2.2	Welding workbench	焊接工作台 1200×800×400	set	1	1,176.18	176.33	1,176.18	176.33	1,352.51	1,893.51	318,774.98	47,816.25
AB.2.3	Dust catcher	烟尘净化装置	set	1	4,958.57	744.08	4,958.57	744.08	5,702.65	7,983.71	1,344,065.56	201,609.83
三	<b>Electric instrument room</b>	<b>电器仪表间</b>								-	-	-
AB.3.1	Meter lathe	仪表车床 CJ0716	set	1	4,848.13	728.58	4,848.13	728.58	5,576.71	7,807.39	1,314,382.59	197,157.39
AB.3.2	AC/DC meter universal verifying bench	交直流仪表万能校验台 XYYY4-1	set	1	12,852.76	1,928.01	12,852.76	1,928.01	14,780.77	20,693.08	3,483,700.37	522,555.06
AB.3.3	Relay universal test bed	继电器万能试验台 TJC-III C	set	1	39,410.88	5,377.12	39,410.88	5,377.12	44,788.00	62,703.20	10,556,146.42	1,583,421.96
AB.3.4	Motor test bed	电机试验台 TFC-III G	set	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73

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					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
AB.3.5	Squirrel cage rotor test machine	鼠笼转子检查仪 DSI-3	set	1	2,057.84	308.09	2,057.84	308.09	2,365.93	3,312.30	557,629.35	83,644.40
AB.3.6	Armature test machine	电枢检查仪DS702	set	1	2,755.41	414.67	2,755.41	414.67	3,170.08	4,438.11	747,160.59	112,074.09
AB.3.7	Universal electric tester	多种电器试验设备	set	1	52,548.49	7,171.43	52,548.49	7,171.43	59,719.92	83,607.89	14,075,471.55	2,111,320.73
AB.3.8	Double station workbench	双人工作台2500×800×800	set	1	1,616.04	220.90	1,616.04	220.90	1,836.94	2,571.72	432,950.96	64,942.64
<b>AC</b>	<b>Maintenance workshop for track</b>	<b>工务车间</b>								-	-	-
AC.1	Wireless interphone	对讲机	set	4	158.89	23.25	635.56	93.00	728.56	1,019.98	171,715.33	25,757.30
AC.2	Universal rail gauge	万能轨距尺	set	4	203.46	29.07	813.84	116.28	930.12	1,302.17	219,221.28	32,883.19
AC.3	Switch offset staff	道岔支距尺	set	4	203.46	29.07	813.84	116.28	930.12	1,302.17	219,221.28	32,883.19
AC.4	Electric wrench	电动扳手	set	4	496.05	75.57	1,984.20	302.28	2,286.48	3,201.07	538,903.67	80,835.55
AC.5	Hydraulic rail jack	液压起道器	set	2	660.76	98.82	1,321.52	197.64	1,519.16	2,126.82	358,052.95	53,707.94
AC.6	Hydraulic lining device	液压拨道器	set	2	641.38	94.95	1,282.76	189.90	1,472.66	2,061.72	347,093.30	52,063.99
AC.7	Hydraulic rail gap adjuster	液压轨缝调整器	set	2	1,395.14	209.27	2,790.28	418.54	3,208.82	4,492.35	756,291.28	113,443.69
AC.8	Hydraulic rail straightening adjustment tool	液压直轨器	set	2	1,065.74	160.83	2,131.48	321.66	2,453.14	3,434.40	578,184.00	86,727.60
AC.9	Rail joint straightening adjustment tool	钢轨低接头调直机	set	1	5,140.72	771.20	5,140.72	771.20	5,911.92	8,276.69	1,393,388.70	209,008.31
AC.10	Hand electric drill	手提式电钻	set	4	304.22	44.57	1,216.88	178.28	1,395.16	1,953.22	328,827.21	49,324.08
AC.11	Rail drill	钢轨钻孔机	set	1	3,416.17	513.49	3,416.17	513.49	3,929.66	5,501.52	926,187.07	138,928.06
AC.12	Rail cutter	钢轨切割机	set	1	6,061.13	910.72	6,061.13	910.72	6,971.85	9,760.59	1,643,205.09	246,480.76
AC.13	Swith grinding and deburring machine	道岔打磨机	set	1	4,406.33	662.69	4,406.33	662.69	5,069.02	7,096.63	1,194,724.42	179,208.66
AC.14	Ultrasonic rail flaw detector	超声波探伤仪	set	1	16,526.64	2,480.26	16,526.64	2,480.26	19,006.90	26,609.66	4,479,762.87	671,964.43
AC.15	Ultrasonic detector for welding seam	焊缝探伤仪	set	1	16,158.48	2,424.06	16,158.48	2,424.06	18,582.54	26,015.56	4,379,744.87	656,961.73
AC.16	Inspection instrument for railway rail gauge	铁路轨距尺检定器	set	1	12,486.54	1,875.69	12,486.54	1,875.69	14,362.23	20,107.12	3,385,054.10	507,758.11
AC.17	Inspection instrument for railway offset	铁路支距尺检定器	set	1	6,977.66	1,048.30	6,977.66	1,048.30	8,025.96	11,236.34	1,891,649.75	283,747.46
AC.18	Artificial maintenance tools	人工养路工具	set	6	2,462.82	370.10	14,776.92	2,220.60	16,997.52	23,796.53	4,006,169.29	600,925.39
AC.19	Crane	起重机	set	1	77,120.46	11,575.82	77,120.46	11,575.82	88,696.28	124,174.79	20,904,950.41	3,135,742.56
AC.20	Railway car	轨道牵引车	set	2	#####	183,740.46	2,448,249.08	367,480.92	2,815,730.00	3,942,022.00	663,643,345.72	99,546,501.86
AC.21	Trailer	轨道平车	set	3	143,312.29	21,512.35	429,936.87	64,537.05	494,473.92	692,263.49	116,543,250.47	17,481,487.57
AC.22	Trailer with crane	轨道平车带起重设备	set	3	167,198.32	25,097.09	501,594.96	75,291.27	576,886.23	807,640.72	135,967,123.19	20,395,068.48
AC.23	Rail grinding and deburring machine	钢轨打磨机	set	1	5,140.72	771.20	5,140.72	771.20	5,911.92	8,276.69	1,393,388.70	209,008.31
AC.24	Rail inspection car	轨道检测车	set	1	60,593.82	9,093.63	60,593.82	9,093.63	69,687.45	97,562.43	16,424,732.65	2,463,709.90
AC.25	Theodolite	经纬仪	set	1	5,326.74	800.27	5,326.74	800.27	6,127.01	8,577.81	1,444,083.56	216,612.53
AC.26	Level instrument	水准仪	set	1	589.06	89.13	589.06	89.13	678.19	949.47	159,843.55	23,976.53
<b>AD</b>	<b>Power supply workshop</b>	<b>供电车间</b>								-	-	-
AD.1	Electric test vehicle	电气试验车	set	1	396,616.19	59,531.96	396,616.19	59,531.96	456,148.15	638,607.41	107,510,196.08	16,126,529.41
AD.2	Variable power test vehicle	变电二次测试车	set	1	313,988.78	47,128.74	313,988.78	47,128.74	361,117.52	505,564.53	85,112,293.85	12,766,844.08

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

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序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
AD.3	Contact rail detecting device	接触轨检测装置	lot	2	495,770.23	74,415.43	991,540.46	148,830.86	1,140,371.32	1,596,519.85	268,775,712.93	40,316,356.94
AD.4	Railway transport vehicle	轨道式材料运输车	set	1	143,312.29	21,512.35	143,312.29	21,512.35	164,824.64	230,754.50	38,847,750.16	5,827,162.52
AD.5	Power supply information management system	供电信息管理系统	lot	1	991,540.47	148,828.92	991,540.47	148,828.92	1,140,369.39	1,596,517.15	268,775,258.05	40,316,288.71
AD.6	Simulation teaching system	模拟教学系统	lot	1	528,821.58	79,377.88	528,821.58	79,377.88	608,199.46	851,479.24	143,347,382.21	21,502,107.33
AD.7	Contact rail repair vehicle	接触轨抢修汽车	set	2	39,294.62	5,896.42	78,589.24	11,792.84	90,382.08	126,534.91	21,302,278.97	3,195,341.85
AD.8	Variable electric patrol car	变电巡视汽车	set	2	45,904.11	6,890.46	91,808.22	13,780.92	105,589.14	147,824.80	24,886,452.23	3,732,967.83
AD.9	High voltage test set 150kV/15kVA	高压成套试验装置 150kV/15kVA	lot	1	25,339.30	3,803.71	25,339.30	3,803.71	29,143.01	40,800.21	6,868,756.83	1,030,313.52
AD.10	High voltage test set 20kV/5kVA	高压成套试验装置 20kV/5kVA	lot	1	23,870.53	3,582.81	23,870.53	3,582.81	27,453.34	38,434.68	6,470,516.14	970,577.42
AD.11	Insulation shoe gloves voltage withstand test device	绝缘靴手套耐压试验装置	lot	1	20,564.81	3,086.76	20,564.81	3,086.76	23,651.57	33,112.20	5,574,471.65	836,170.75
AD.12	Insulation table	绝缘台	set	2	346.85	48.44	693.70	96.88	790.58	1,106.81	186,332.91	27,949.94
AD.13	Mobile pressure test bench	移动耐压试验台	lot	1	6,535.86	982.41	6,535.86	982.41	7,518.27	10,525.58	1,771,991.58	265,798.74
AD.14	Test device for high current DC circuit breaker	大电流直流断路器试验装置	lot	1	440,685.30	66,147.26	440,685.30	66,147.26	506,832.56	709,565.58	119,456,075.63	17,918,411.34
AD.15	Cable fault tester	电缆故障测试仪	lot	1	43,700.95	6,559.11	43,700.95	6,559.11	50,260.06	70,364.08	11,845,863.91	1,776,879.59
AD.16	Low frequency cable voltage tester	低频电缆耐压测试仪	lot	1	25,339.30	3,803.71	25,339.30	3,803.71	29,143.01	40,800.21	6,868,756.83	1,030,313.52
AD.17	DC resistance tester	直流电阻测试仪	set	1	18,361.65	2,755.41	18,361.65	2,755.41	21,117.06	29,563.88	4,977,109.44	746,566.42
AD.18	Grounding resistance tester	接地电阻测试仪	set	1	11,752.15	1,765.24	11,752.15	1,765.24	13,517.39	18,924.35	3,185,932.57	477,889.89
AD.19	Insulation resistance tester	绝缘电阻测试仪	set	1	14,689.70	2,203.16	14,689.70	2,203.16	16,892.86	23,650.00	3,981,501.82	597,225.27
AD.20	Battery impedance tester	蓄电池阻抗测试仪	set	1	4,040.10	606.50	4,040.10	606.50	4,646.60	6,505.24	1,095,163.66	164,274.55
AD.21	Battery measuring activation device	蓄电池测量活化设备	set	1	9,180.82	1,379.64	9,180.82	1,379.64	10,560.46	14,784.64	2,489,009.60	373,351.44
AD.22	Mobile generator	移动发电机	set	1	12,118.38	1,817.56	12,118.38	1,817.56	13,935.94	19,510.32	3,284,581.21	492,687.18
AD.23	Voltage ratio tester	电压变比测试仪	set	1	10,283.37	1,544.35	10,283.37	1,544.35	11,827.72	16,558.81	2,787,691.89	418,153.78
AD.24	Current transformer ratio, polarity, excitation characteristic test instrument	电流互感器变比、极性、励磁特性测试仪	set	1	13,583.28	2,038.46	13,583.28	2,038.46	15,621.74	21,870.44	3,681,909.77	552,286.47
AD.25	Multifunctional relay protection testing instrument	多功能继电保护测试仪	set	2	29,745.63	4,464.46	59,491.26	8,928.92	68,420.18	95,788.25	16,126,048.01	2,418,907.20
AD.26	Multimeter	万用表	set	10	164.70	23.25	1,647.00	232.50	1,879.50	2,631.30	442,981.99	66,447.30
AD.27	Current Clamp Meter	钳型电流表	set	2	589.06	89.13	1,178.12	178.26	1,356.38	1,898.93	319,687.10	47,953.07
AD.28	Clamp power meter	钳型功率表	set	2	881.65	131.76	1,763.30	263.52	2,026.82	2,837.55	477,704.04	71,655.61
AD.29	Dielectric loss tester	介电损耗测试仪	set	1	15,424.09	2,313.61	15,424.09	2,313.61	17,737.70	24,832.78	4,180,623.35	627,093.50
AD.30	Sequence table	相序表	set	1	116.26	17.44	116.26	17.44	133.70	187.18	31,511.94	4,726.79
AD.31	Gas detector	气体检测仪	lot	1	6,243.27	937.85	6,243.27	937.85	7,181.12	10,053.57	1,692,528.23	253,879.23
AD.32	Ground wire	接地线 35kV	lot	20	313.91	48.44	6,278.20	968.80	7,247.00	10,145.80	1,708,055.58	256,208.34
AD.33	High voltage electroscope tester	高压验电器	lot	20	155.02	23.25	3,100.40	465.00	3,565.40	4,991.56	840,334.12	126,050.12
AD.34	Substation special meter	变电专用仪表	lot	2	25,713.28	3,859.90	51,426.56	7,719.80	59,146.36	82,804.90	13,940,288.39	2,091,043.26

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

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					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
AD.35	Variable power special tool	变电专用工具	lot	2	12,513.67	1,877.63	25,027.34	3,755.26	28,782.60	40,295.64	6,783,811.29	1,017,571.69
AD.36	Special industrial catenary electric substation maintenance station	接触网电气维修工作台	set	1	1,616.04	220.90	1,616.04	220.90	1,836.94	2,571.72	432,950.96	64,942.64
AD.37	Dust removing grinder	除尘式砂轮机	set	1	1,654.80	248.03	1,654.80	248.03	1,902.83	2,663.96	448,480.67	67,272.10
AD.38	Drill	钻床	set	1	11,752.15	1,765.24	11,752.15	1,765.24	13,517.39	18,924.35	3,185,932.57	477,889.89
AD.39	Power generation electric welding machine	发电电焊一体机 5kW	set	1	5,326.74	800.27	5,326.74	800.27	6,127.01	8,577.81	1,444,083.56	216,612.53
AD.40	Aluminum Alloy telescopic ladder	可伸缩铝合金人字梯	set	6	809.96	122.08	4,859.76	732.48	5,592.24	7,829.14	1,318,042.87	197,706.43
AD.41	Substation electrical maintenance work table	变电电气维修工作台	set	1	1,616.04	220.90	1,616.04	220.90	1,836.94	2,571.72	432,950.96	64,942.64
AD.42	Torque wrench	力矩扳手	lot	1	403.04	60.07	403.04	60.07	463.11	648.35	109,151.04	16,372.66
AD.43	Rail maintenance instrument	轨维修专用仪表	lot	2	16,301.87	2,447.32	32,603.74	4,894.64	37,498.38	52,497.73	8,838,045.68	1,325,706.85
AD.44	Special tool for rail maintenance	轨维修专用工具	lot	2	14,114.21	2,119.84	28,228.42	4,239.68	32,468.10	45,455.34	7,652,451.94	1,147,867.79
AD.45	Cable sheath stripper	电缆外护套剥除器	lot	2	257.71	38.75	515.42	77.50	592.92	830.09	139,746.14	20,961.92
AD.46	Cable main insulation layer stripper	电缆主绝缘层剥除器	lot	2	992.10	149.20	1,984.20	298.40	2,282.60	3,195.64	537,989.19	80,698.38
AD.47	Cable outer semiconductor layer stripper	电缆外半导体层剥除器	lot	2	992.10	149.20	1,984.20	298.40	2,282.60	3,195.64	537,989.19	80,698.38
AD.48	Charging type hydraulic pliers	充电式液压钳	set	2	8,814.60	1,323.45	17,629.20	2,646.90	20,276.10	28,386.54	4,778,902.40	716,835.36
AD.49	Integral type manual hydraulic pliers	整体式手动液压钳	set	2	4,958.57	744.08	9,917.14	1,488.16	11,405.30	15,967.42	2,688,131.12	403,219.67
AD.50	Charging type nut amputator	充电式螺帽切除器	set	2	2,571.33	385.60	5,142.66	771.20	5,913.86	8,279.40	1,393,845.94	209,076.89
AD.51	Walkie-talkie	对讲机	set	20	403.04	60.07	8,060.80	1,201.40	9,262.20	12,967.08	2,183,020.89	327,453.13
AD.52	Light lift Omni	轻型升降泛光灯	lot	2	1,307.95	197.65	2,615.90	395.30	3,011.20	4,215.68	709,713.94	106,457.09
AD.53	Portable multifunctional strong light lamp	便携式多功能强光灯	lot	4	639.44	94.95	2,557.76	379.80	2,937.56	4,112.58	692,357.63	103,853.64
AD.54	Strong light working light	强光泛光工作灯	lot	2	1,871.82	280.97	3,743.64	561.94	4,305.58	6,027.81	1,014,788.18	152,218.23
AD.55	Solid free maintenance flashlight	固态免维护强光手电筒	lot	20	110.45	17.44	2,209.00	348.80	2,557.80	3,580.92	602,851.46	90,427.72
AD.56	Solid state light explosion-proof lamp	固态强光防爆头灯	lot	40	217.02	32.94	8,680.80	1,317.60	9,998.40	13,997.76	2,356,536.89	353,480.53
AD.57	Energy-saving light explosion-proof torch	节能强光防爆手电筒	lot	20	224.77	32.94	4,495.40	658.80	5,154.20	7,215.88	1,214,800.61	182,220.09
AD.58	Multifunctional pocket signal lamp	多功能袖珍信号灯	lot	2	110.45	17.44	220.90	34.88	255.78	358.09	60,285.15	9,042.77
AD.59	Double sided lamp	双面方位灯	lot	3	127.89	17.44	383.67	52.32	435.99	610.39	102,759.09	15,413.86
AD.60	Tool cabinet	工具柜	set	10	321.66	44.57	3,216.60	445.70	3,662.30	5,127.22	863,172.61	129,475.89
AD.61	Van	搬运车	set	1	484.43	71.69	484.43	71.69	556.12	778.57	131,072.70	19,660.91
AD.62	DC ground wire	直流接地线	lot	10	337.16	50.38	3,371.60	503.80	3,875.40	5,425.56	913,398.45	137,009.77
AD.63	AC ground wire	交流接地线	lot	10	257.71	38.75	2,577.10	387.50	2,964.60	4,150.44	698,730.72	104,809.61

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					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
AD.64	Three rail grounding wire	三轨接地线 750V	lot	40	331.35	50.38	13,254.00	2,015.20	15,269.20	21,376.88	3,598,819.12	539,822.87
AD.65	Three rail electroscope	三轨验电器 750V	lot	10	164.70	23.25	1,647.00	232.50	1,879.50	2,631.30	442,981.99	66,447.30
AD.66	Small generating set	小型发电机组 5kW	set	1	3,561.49	534.81	3,561.49	534.81	4,096.30	5,734.82	965,462.68	144,819.40
AD.67	Standby maintenance equipment	备用维修设备	lot	2	15,286.52	2,296.17	30,573.04	4,592.34	35,165.38	49,231.53	8,288,177.64	1,243,226.65
<b>AE</b>	<b>General Material Store</b>	<b>物资总库主库房</b>								-	-	-
—	<b>Main store of General Material Store</b>	<b>物资总库主库房</b>								-	-	-
AE.1.1	Gn=5t S=16.5m Electric single beam bridge crane)	电动单梁桥式起重机 Gn=5t S=16.5m A5	set	1	41,264.54	6,192.23	41,264.54	6,192.23	47,456.77	66,439.48	11,185,152.56	1,677,772.88
AE.1.2	Electric single beam bridge crane	电动单梁桥式起重机 Gn=3t S=10.5m	set	1	29,075.19	4,365.64	29,075.19	4,365.64	33,440.83	46,817.16	7,881,716.04	1,182,257.41
AE.1.3	6 t Diesel forklift	内燃叉车6t	set	1	60,593.82	9,093.63	60,593.82	9,093.63	69,687.45	97,562.43	16,424,732.65	2,463,709.90
AE.1.4	2t Battery forklift	蓄电池叉车2t	set	1	34,520.13	5,179.47	34,520.13	5,179.47	39,699.60	55,579.44	9,356,854.30	1,403,528.15
AE.1.5	2t Battery baggage car	蓄电池搬运车2t	set	1	16,892.87	2,534.51	16,892.87	2,534.51	19,427.38	27,198.33	4,578,866.39	686,829.96
AE.1.6	Storage shelf	存放架2000×600×1800	set	1	44,489.59	6,065.00	44,489.59	6,065.00	50,554.59	70,776.43	11,915,282.09	1,787,292.31
AE.1.7	Stereoscopic warehouse	立体库	lot	1	#####	246,436.69	1,675,292.79	246,436.69	1,921,729.48	2,690,421.27	452,935,111.56	67,940,266.73
二	Grease room	油脂间			0.00	0.00	0.00	0.00	0.00	-	-	-
AE.2.1	Storage shelf	存放架2000×500×1800	set	10	525.12	71.69	5,251.20	716.90	5,968.10	8,355.34	1,406,629.84	210,994.48
AE.2.2	Storage shelf	存放柜1000×500×1800	set	10	525.12	71.69	5,251.20	716.90	5,968.10	8,355.34	1,406,629.84	210,994.48
<b>AF</b>	<b>Crane rails and accessories</b>	<b>起重机轨道及附件</b>								-	-	-
AF.1	Electric single-beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (定临修库: Gn=10/3. 2t S=16.5m H=8.4m)	lot	1	47,880.00	0.00	47,880.00	0.00	47,880.00	67,032.00	11,284,904.23	1,692,735.63
AF.2	Electric single beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (内燃调机及工程车库 Qn=3tS=19.5mH=6.6m)	set	1	22,572.00	0.00	22,572.00	0.00	22,572.00	31,600.80	5,320,026.28	798,003.94
AF.3	Electric single-beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (内燃调机及工程车库)	set	1	11,400.00	0.00	11,400.00	0.00	11,400.00	15,960.00	2,686,881.96	403,032.29
AF.4	Electric double beam bridge crane crane rails and accessories	电动双梁桥式起重机轨道及附件 (大架修主库: Gn=10/3. 2t S=25.5m H=8.4m)	set	2	23,484.00	0.00	46,968.00	0.00	46,968.00	65,755.20	11,069,953.68	1,660,493.05

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
AF.5	Electric double beam bridge crane rails and accessories	电动双梁桥式起重机轨道及附件 (车体车间 : Gn=10/3.2t S=25.5m H=8.4m)	set	1	10,716.00	0.00	10,716.00	0.00	10,716.00	15,002.40	2,525,669.04	378,850.36
AF.6	Electric single beam bridge crane rails and accessories	电动单梁桥式起重机轨道及附件 (电机检修区: Gn=3.0t S=16.5m H=8.4m)	set	1	15,276.00	0.00	15,276.00	0.00	15,276.00	21,386.40	3,600,421.83	540,063.27
AF.7	Electric single beam suspension crane rails and accessories	电动悬挂起重机轨道及附件 (电机检修区: Gn=2t, S=6.0m, H=5.4m)	set	2	6,156.00	0.00	12,312.00	0.00	12,312.00	17,236.80	2,901,832.52	435,274.88
AF.8	Electric single beam bridge crane rails and accessories	电动单梁桥式起重机轨道及附件 (钩缓检修区 : Gn=2.0t S=16.5m H=8.4m)	set	1	10,260.00	0.00	10,260.00	0.00	10,260.00	14,364.00	2,418,193.76	362,729.06
AF.9	Electric single beam bridge crane rails and accessories	电动单梁桥式起重机轨道及附件 (门窗座椅检修区: Gn=2.0t S=25.5m H=8.4m)	set	1	10,716.00	0.00	10,716.00	0.00	10,716.00	15,002.40	2,525,669.04	378,850.36
AF.10	Electric single beam suspension crane rails and accessories	电动单梁悬挂起重机轨道及附件 (转向架检修区: Gn=3t, S=6.0m H=5.4m)	set	1	8,595.60	0.00	8,595.60	0.00	8,595.60	12,033.84	2,025,909.00	303,886.35
AF.11	Electric double beam bridge crane rails and accessories	电动双梁桥式起重机轨道及附件 (转向架检修区: Gn=10/3.2t S=25.5m H=8.4m)	set	1	18,240.00	0.00	18,240.00	0.00	18,240.00	25,536.00	4,299,011.14	644,851.67
AF.12	Electric single beam bridge crane rails and accessories	电动单梁桥式起重机轨道及附件 (转向架检修区: Gn=5.0t S=25.5m H=8.4m)	set	1	18,240.00	0.00	18,240.00	0.00	18,240.00	25,536.00	4,299,011.14	644,851.67
AF.13	Electric single beam bridge crane rails and accessories	电动单梁桥式起重机轨道及附件 (转向架检修区: Gn=3.0t S=25.5m H=8.4m)	set	2	10,374.00	0.00	20,748.00	0.00	20,748.00	29,047.20	4,890,125.17	733,518.78
AF.14	Electric single beam bridge crane rails and accessories	电动单梁桥式起重机轨道及附件 (转向架检修区: Gn=2.0t S=25.5mH=8.4m)	set	1	20,748.00	0.00	20,748.00	0.00	20,748.00	29,047.20	4,890,125.17	733,518.78

LRMTS Orange Line Schedule of Price for Depot-Equipment & Installation

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
AF.15	Electric single beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (制动空压机检修间: Q=2t S=25.5m H=8.4m)	set	1	18,240.00	0.00	18,240.00	0.00	18,240.00	25,536.00	4,299,011.14	644,851.67
AF.16	Electric single beam suspension crane crane rails and accessories	电动单梁悬挂起重机轨道及附件 (电气检修区: Gn=3t, S=6.0m H=5.4m)	set	1	8,208.00	0.00	8,208.00	0.00	8,208.00	11,491.20	1,934,555.01	290,183.25
AF.17	Electric single beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (电气检修区: Q=3t /5t S=16.5mH=8.4m)	set	2	7,638.00	0.00	15,276.00	0.00	15,276.00	21,386.40	3,600,421.83	540,063.27
AF.18	Electric single beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (空调检修区: Q=2t S=25.5mH=8.4m)	set	1	18,240.00	0.00	18,240.00	0.00	18,240.00	25,536.00	4,299,011.14	644,851.67
AF.19	Electric single beam suspension crane crane rails and accessories	电动单梁悬挂起重机轨道及附件 (空调检修区: Gn=2t, S=6.0m H=5.4m)	set	1	9,120.00	0.00	9,120.00	0.00	9,120.00	12,768.00	2,149,505.57	322,425.84
AF.20	Explosion-proof single beam suspension crane crane rails and accessories	防爆单梁悬挂起重机BX型轨道及附件 (蓄电池检修间: Gn=2t S=8m H=6m)	set	1	6,156.00	0.00	6,156.00	0.00	6,156.00	8,618.40	1,450,916.26	217,637.44
AF.21	Electric single beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (综合维修中心: Gn=2t, S=16.5mH=6.6m)	set	1	14,364.00	0.00	14,364.00	0.00	14,364.00	20,109.60	3,385,471.27	507,820.69
AF.22	Electric single beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (物资总库: Gn=5t S=16.5m H=7.8m)	set	2	12,312.00	0.00	24,624.00	0.00	24,624.00	34,473.60	5,803,665.03	870,549.76
AF.23	Electric single beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (物资总库: Gn=3t S=6.0m H=6.6m)	set	1	12,312.00	0.00	12,312.00	0.00	12,312.00	17,236.80	2,901,832.52	435,274.88
		总计					<b>39,206,857.91</b>	<b>5,608,172.61</b>	<b>44,815,030.52</b>	<b>62,741,042.73</b>	<b>10,562,517,284.30</b>	<b>2,075,658,358.50</b>



LRMTS Orange Line Schedule of Price for Stabling Yard-Equipment & Installation

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
<b>A</b>	<b>Parking and inspection workshop</b>	<b>停车列检库</b>										
A.1	Stationary cab boarding platform	固定式登司机室平台	set	24	1,917.05	262.02	46,009	6,288	52,298	73,216.75	12,326,113.42	1,848,917.01
A.2	Tool built-for inspection shed	列检专用工具	lot	1	25,600.19	3,839.75	25,600	3,840	29,440	41,215.92	6,938,740.67	1,040,811.10
A.3	Operating on duty scheduling system	运转值班调度系统	lot	1	282,942.27	38,582.18	282,942	38,582	321,524	450,134.23	75,780,547.75	11,367,082.16
A.4	Industrial cleaner VC-1.5	工业吸尘器	set	2	3,287.44	493.87	6,575	988	7,563	10,587.67	1,782,444.50	267,366.67
A.5	High pressure cleaner	高压喷射式清洗机	set	1	11,788.79	1,768.13	11,789	1,768	13,557	18,979.69	3,195,249.45	479,287.42
A.6	Portable computer and interface serving metro vehicles	便携式计算机及接口与地铁车配套	set	6	1,451.45	0.00	8,709	0	8,709	12,192.18	2,052,565.70	307,884.85
A.7	Ground cleaner	地面清洗机	set	2	20,719.92	3,108.37	41,440	6,217	47,657	66,719.21	11,232,246.06	1,684,836.91
<b>B</b>	<b>Washing workshop</b>	<b>洗车库</b>										
B.1	Train automatic washing mashine	列车外部自动清洗机	lot	1	1,336,067.27	200,388.70	1,336,067	200,389	1,536,456	2,151,038.36	362,129,458.61	54,319,418.79
<b>C</b>	<b>Engineering garage</b>	<b>工程车库</b>										
C.1	Qn=3t, S=19.5m Electric single beam bridge crane	电动单梁桥式起重机 Qn=3t, S=19.5m	set	1	34,510.58	5,176.21	34,511	5,176	39,687	55,561.51	9,353,835.10	1,403,075.26
C.2	Bench drilling machine	台式钻床 Z4012	set	1	912.34	135.72	912	136	1,048	1,467.28	247,018.73	37,052.81
C.3	Dedusting grinder	除尘式砂轮机 MC3030	set	1	1,609.79	241.28	1,610	241	1,851	2,591.50	436,281.28	65,442.19
C.4	Constant current charger	恒流充电机 HGCZ202-50/72	set	1	7,858.57	1,180.01	7,859	1,180	9,039	12,654.01	2,130,315.57	319,547.34
C.5	Diesel turning locomotive	内燃调车机	set	1	1,190,831.79	176,866.17	1,190,832	176,866	1,367,698	1,914,777.14	322,354,646.97	48,353,197.05
C.6	Vice bench	钳工台 2500×800×800	set	1	1,809.60	246.94	1,810	247	2,057	2,879.16	484,708.79	72,706.32
C.7	Double station workbench	双人工作台 2500×800×800	set	1	1,572.09	214.89	1,572	215	1,787	2,501.77	421,175.82	63,176.37
<b>D</b>	<b>Light repair workshop</b>	<b>双周三月检库</b>										
D.1	Vacuum cleaner	真空吸尘器	lot	2	3,287.44	493.87	6,575	988	7,563	10,587.67	1,782,444.50	267,366.67
D.2	Movable air compressor	移动式空压机 螺杆型 0.4m /min 10kg	set	1	11,432.53	1,713.47	11,433	1,713	13,146	18,404.40	3,098,399.14	464,759.87
D.3	Air conditioner coolant filled and released device	空调冷媒体充放装置	set	1	8,216.72	1,230.91	8,217	1,231	9,448	13,226.68	2,226,725.14	334,008.77
D.4	Air conditioner running test system	空调装置运转测试台	lot	1	102,236.75	13,941.46	102,237	13,941	116,178	162,649.49	27,382,204.96	4,107,330.74
D.5	Equipment platform	三层作业平台	lot	1	265,178.03	36,173.15	265,178	36,173	301,351	421,891.65	71,025,881.51	10,653,882.23
D.6	Monthly inspection special purpose tools	月检专用工具	lot	1	62,779.93	9,415.58	62,780	9,416	72,196	101,073.71	17,015,860.83	2,552,379.12
<b>E</b>	<b>Sub material library</b>	<b>物资分库</b>										
E.1	Electrical bibeam bridge crane with Gn=5t, S=16.5m	电动单梁桥式起重机 Qn=5t, S=16.5m	set	1	40,700.92	6,105.52	40,701	6,106	46,806	65,529.02	11,031,875.37	1,654,781.31
E.2	Storage rack	货架2000×600×1800	set	20	473.14	64.09	9,463	1,282	10,745	15,042.44	2,532,409.82	379,861.47
E.3					0.00	0.00	0	0	0	-	-	-
E.4	Forklift	叉车	set	3	22,148.75	3,323.26	66,446	9,970	76,416	106,982.44	18,010,601.09	2,701,590.16
<b>F</b>	<b>Crane rails and accessories</b>	<b>起重机轨道及附件</b>										
F.1	Electric single beam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及附件 (工程车库: Qn=3t, S=13.5m H=6.6m)	set	1	13,572.00	0.00	13,572	0	13,572	19,000.80	3,198,803.68	479,820.55

**LRMTS Orange Line Schedule of Price for Stabling Yard-Equipment & Installation**

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY	单价 UNIT PRICE USD		合价 TOTAL PRICE USD		总价 TOTAL PRICE USD	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
					设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning	设备材料费 Equipment (CIF)	安装调试费 Installation & Commissioning				
F.2	Electrical bibeam bridge crane crane rails and accessories	电动单梁桥式起重机轨道及配件 (工程车库: Qn=5t, S=16.5m H=6.0m)	set	1	8,516.43	0.00	8,516	0	8,516	11,923.00	2,007,249.31	301,087.40
		合计					<b>3,593,353</b>	<b>522,952</b>	<b>4,116,305.49</b>	<b>5,762,827.69</b>	<b>970,177,803.77</b>	<b>145,526,670.56</b>

**LRMTS Orange Line Schedule of Price for Rolling Stock-Equipment & Installation**

USD = PKR 168.351/-

序号 Item	DESCRIPTION	中文设备名称	单位 UNIT	数量 QTY.	单价 UNIT PRICE (CIF)	总计 TOTAL PRICE	TOTAL PRICE USD INCLUDING DUTIES AND TAXES	TOTAL PRICE PKR	INSURANCE LIMIT (PKR)
1	Stainless Steel Metro Car	地铁车辆	set/辆	135	1,284,336.00	173,385,360.00	242,739,504.00	40,865,438,237.90	7,567,673,747.76