

ATTACHMENT MINUTES OF PRE-BID MEETING AND ADDENDUM PROCUREMENT HEAVY MAINTENANCE KIT FOR EMU METRO 6000 & 05 SERIES

Number : 012/LL/SAR/KCI/I/2019, date Jan, 04th 2019

3. Bidding Document : 012/LL/SAR/KCI/ RKS/XII/2018, date Dec 28th 2018, Section VI, Schedule of Supply, B. Term Of Reference, IV List of Spare parts Needs

Termin 1				Termin II			
The goods will be delivered till the end of September 2019 include minutes of testing and COA term I				The goods will be delivered till the end of December 2019 include minutes of testing and COA term I			
Diserahkan selambat – lambatnya akhir bulan September 2019 termasuk pengujian sampai terbitnya BAST termin I				Diserahkan selambat – lambatnya akhir bulan December 2019 termasuk pengujian sampai terbitnya BAST termin I			
No	Description of Goods	Quantity	Unit	No	Description of Goods	Quantity	Unit
A	PARTS FOR HEAVY MAINTENANCE SERI 6000			A	PARTS FOR HEAVY MAINTENANCE SERI 6000		
1	Electro-pneumatic (Common) change valve Maintenance KIT	24	Kit	1	3/4 double check valve (Common) Maintenance KIT	64	Kit
2	Electro-pneumatic change valve EP Maintenance KIT	8	Kit	2	Automatic drain valve D-1 ADV Maintenance KIT	4	Kit
3	Emergency relay (Common) Maintenance KIT	32	Kit	3	Traction Motor Maintenance KIT 3 Item	64	Kit
4	M-60 charge valve (Common) Maintenance KIT	32	Kit	4	Motor Generator Maintenance KIT	8	Kit
5	D double check valve (Common) Maintenance KIT	56	Kit	5	Dehumidifier Maintenance KIT	6	Kit
6	Y switching valve (Common) Maintenance KIT	64	Kit	6	Air Compressor Common Maintenance KIT 15 Item	8	Kit
7	Safety spool valve (Common) Maintenance KIT	32	Kit	7	Air Compressor C2000M Maintenance KIT 25 Item	4	Kit
8	Remote open valve (Common) Maintenance KIT	32	Kit	8	Air Compressor C2000LA Maintenance KIT 22 Item	4	Kit
9	SA emergency valve (Common) Maintenance KIT	32	Kit	9	Coupling assembly WN-2560-FR4 Maintenance KIT 8 Item	48	Kit
10	M5070A strainer (Common) Maintenance KIT	104	Kit	10	Bogie FS-378 Common Maintenance KIT 20 Item	32	Kit
11	S emergency valve Maintenance KIT	24	Kit	11	Bogie FS-378 Mcar Maintenance KIT 12 Item	16	Kit
12	J-1 relay valve Maintenance KIT	72	Kit	12	Bogie FS-378 Tcar Maintenance KIT	16	Kit
13	J-2 strainer Maintenance KIT	24	Kit	13	Bogie FS-378B Common Maintenance KIT 19 Item	16	Kit
14	V variable load valve (ET) Maintenance KIT	12	Kit	14	Bogie FS-378B Mcar Maintenance KIT 13 Item	8	Kit
15	V variable load valve (SM) Maintenance KIT	12	Kit	15	Bogie FS-378B Tcar Maintenance KIT	8	Kit
16	V variable load valve (ST/EM) Maintenance KIT	24	Kit	16	Coupling 7000 Series Common Maintenance KIT	16	Kit
17	JA-1A relay valve for 7000 Maintenance KIT	8	Kit	17	Bogie FS-515 Common Maintenance KIT	16	Kit
18	JA-1B relay valve for 7000 Maintenance KIT	16	Kit	18	Bogie FS-515 Mcar Maintenance KIT	16	Kit

19	V2 variable load valve (VM/M) for 7000 Maintenance KIT	4	Kit	19	Bogie FS-515 Tcar Maintenance KIT	8	Kit
20	V2 variable load valve (VT/T) for 7000 Maintenance KIT	4	Kit	20	Bogie FS-515 CTcar Maintenance KIT	1	Kit
21	Dehumidifier Maintenance KIT (7000)	2	Kit	21	LV4 Left Leveling valve(LV4) Maintenance KIT	64	pcs
22	Tachometer generator Maintenance KIT 6 Item	8	Kit	22	LV4 Right Leveling valve(LV4) Maintenance KIT	64	pcs
23	Bogie FS-378 CtcAR Maintenance KIT 10 Item	2	Kit	23	Differential Pressure valve Maintenance KIT	64	pcs
24	Bogie FS-378B CTcar Maintenance KIT 10 Item	1	Kit				
25	Cushion rubber A1069A Bogie FS-515 Common (bolster anchor)	128	pcs				
26	Cover A1068 (bolster anchor) Bogie FS-515 Common	64	pcs				
27	Coupler 1 Maintenance KIT	56	Kit				
28	Coupler 2 Maintenance KIT	8	Kit				
29	Air hose MR1 Maintenance KIT	32	Kit				
30	Air hose MR2 Maintenance KIT	32	Kit				
31	Air hose LV Maintenance KIT	32	Kit				
32	Air conditioner (CU763, RPU1102) Maintenance KIT	16	Kit				
33	Pantograph (PT4301) Maintenance KIT	16	Kit				
34	Lower cylinder (Pantograph PT4301) Maintenance KIT	16	Kit				
35	Hook detacher M-5 (Pantograph PT4301) Maintenance KIT	16	Kit				
36	Hook detacher M-2 (Pantograph PT4301) Maintenance KIT	16	Kit				
37	Door engine (T-5,T-8) Maintenance KIT	256	Kit				
38	Door Magnet Valve (VM13,VM25) Maintenance KIT	256	Kit				

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B	PARTS FOR HEAVY MAINTENANCE SERI 6000 VVVF			B	PARTS FOR HEAVY MAINTENANCE SERI 6000 VVVF		
1	Electro-pneumatic (Common) change valve Maintenance KIT	30	Kit	1	3/4 double check valve(Common) Maintenance KIT	60	Kit
2	Emergency relay (Common) Maintenance KIT	30	Kit	2	Traction Motor Maintenance KIT 3 Item	48	Kit

3	M-60 charge valve(Common) Maintenance KIT	30	Kit	3	Motor Generator Maintenance KIT	6	Kit
4	D double check valve(Common) Maintenance KIT	60	Kit	4	Dehumidifier Maintenance KIT	6	Kit
5	Y switching valve(Common) Maintenance KIT	60	Kit	5	Air Compressor Common Maintenance KIT 15 Item	9	Kit
6	Safety spool valve(Common) Maintenance KIT	30	Kit	6	Air Compressor C2000M Maintenance KIT 25 Item	9	Kit
7	Remote open valve(Common) Maintenance KIT	30	Kit	7	Coupling assembly WN-2560-FR4 Maintenance KIT 8 Item	72	Kit
8	SA emergency valve(Common) Maintenance KIT	30	Kit	8	Bogie FS-378 Common Maintenance KIT 20 Item	60	Kit
9	M5070A strainer(Common) Maintenance KIT	30	Kit	9	Bogie FS-378 Mcar Maintenance KIT 12 Item	36	Kit
10	S emergency valve Maintenance KIT	30	Kit	10	Bogie FS-378 Tcar Maintenance KIT	24	Kit
11	J-1 relay valve Maintenance KIT	90	Kit	11	LV4 Left Leveling valve (LV4) Maintenance KIT	60	pcs
12	J-2 strainer Maintenance KIT	30	Kit	12	LV4 Right Leveling valve (LV4) Maintenance KIT	60	pcs
13	V variable load valve (ET) Maintenance KIT	12	Kit	13	DP4 Differential Pressure valve Maintenance	60	pcs
14	V variable load valve (SM) Maintenance KIT	18	Kit				
15	V variable load valve (ST/EM) Maintenance KIT	30	Kit				
16	Tachometer generator Maintenance KIT 6 Item	6	Kit				
17	Bogie FS-378 Cctcar Maintenance KIT 9 Item	2	Kit				
18	Coupler 1 Maintenance KIT	54	Kit				
19	Coupler 2 Maintenance KIT	6	Kit				
20	Air hose MR1 Maintenance KIT	30	Kit				
21	Air hose MR2 Maintenance KIT	30	Kit				
22	Air hose LV Maintenance KIT	120	Kit				
23	Pantograph (PT4301) Maintenance KIT	18	Kit				
24	Lower cylinder (Pantograph PT4301) Maintenance KIT	18	Kit				
25	Hook detacher M-5 (Pantograph PT4301) Maintenance KIT	18	Kit				
26	Hook detacher M-2 (Pantograph PT4301) Maintenance KIT	18	Kit				
27	Door engine (T-5,T-8) Maintenance KIT	160	Kit				
28	Door engine Electromagnetic Valve (VN13, M25) Maintenance KIT	160	Kit				

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No	Description of Goods	Quantity	Unit	No	Description of Goods	Quantity	Unit
C	PARTS FOR HEAVY MAINTENANCE SERI 05			C	PARTS FOR HEAVY MAINTENANCE SERI 05		
1	3 A Electro-pneumatic change valve Maintenance KIT	8	Kit	1	3/4 double check valve Maintenance KIT	16	Kit
2	Emergency relay Maintenance KIT	8	Kit	2	Automatic drain valve D-1 ADV Maintenance KIT	2	Kit
3	M-60 charge valve Maintenance KIT	16	Kit	3	Traction Motor Maintenance KIT	16	Kit
4	D double check valve Maintenance KIT	8	Kit	4	Air compressor C2500LB Maintenance KIT	2	Kit
5	Y switching valve Maintenance KIT	8	Kit	5	Coupling assembly WN-2565-FS Maintenance KIT	16	Kit
6	M5070A strainer Maintenance KIT	32	Kit	6	Bogie FS-112B/012 Common Maintenance KIT	16	Kit
7	Y strainer	44	Kit	7	Bogie FS-112B Mcar Maintenance KIT	8	Kit
8	S emergency valve Maintenance KIT	10	Kit	8	Bogie FS-112B Cctcar Maintenance KIT	2	Kit
9	VF2 variable load valve (T/CT) Maintenance KIT	4	Kit	9	Traction unit Maintenance KIT	16	Kit
10	VF2 variable load valve (M) Maintenance KIT	4	Kit	10	Unit brake Maintenance KIT	64	Kit
11	Emergency valve Maintenance KIT	16	Kit	11	LV4 Left 05 Leveling valve (LV4) Maintenance KIT	16	pcs
12	ML– 1 relay valve Maintenance KIT	24	Kit	12	LV4 Right 05 Leveling valve (LV4) Maintenance KIT	16	pcs
13	Air spring relay valve Maintenance KIT	16	Kit	13	Differential Pressure valve Maintenance KIT	16	pcs
14	7 E Dehumidifier Maintenance KIT	2	Kit				
15	Cooling system (7 E Dehumidifier) Maintenance KIT	2	Kit				
16	Tachometer generator Maintenance KIT	4	Kit				
17	Tight-lock coupler Maintenance KIT	2	Kit				
18	Fixed coupler Maintenance KIT	14	Kit				
19	Air hose MR1 Maintenance KIT	2	Kit				
20	Air hose MR2 Maintenance KIT	7	Kit				
21	Air conditioner (CU763, RPU1102) Maintenance KIT	8	Kit				
22	Pantograph (PT4301) Maintenance KIT	4	Kit				
23	Lower cylinder (Pantograph PT4301) Maintenance KIT	4	Kit				

24	Hook detacher M-5 (Pantograph PT4301) Maintenance KIT	4	Kit
25	Hook detacher M-2 (Pantograph PT4301) Maintenance KIT	4	Kit
26	Door engine (Y-2C) Maintenance KIT	64	Kit
27	Electromagnetic valve (M17H4R) (Door engine) Maintenance KIT	12	Kit
28	Valve B208838 Electromagnetic valve (VM215) (Line breaker)	12	pcs
29	Valve 125796 Electromagnetic valve (VM215) (Line breaker)	12	pcs
30	Packing No505 Electromagnetic valve (VM215) (Line breaker)	12	pcs
31	Copper packing 22×19×0.35 Electromagnetic valve (VM215) (Line breaker)	12	pcs
32	Spring 125798-1Electromagnetic valve (VM215) (Line breaker)	12	pcs
33	Packing No465 Electromagnetic valve (VM215) (Line breaker)	12	pcs