

**LIST OF SPARES OF CCTV SYSTEM FOR MUMBAI METRO MRS1 LINE 2 &
7 [AS PER COST CENTER. G]**

Annexure-2

I. Appendix GA1: Unit Exchange Spares:

S. No.	Description	Unit*	Qty	Remarks
1	Battery Set for 3 car unit with inter connectors	Set	3	

II. Appendix GA2: Mandatory Spares:

S. No.	Description	Unit*	Qty	Remarks
	NIL			

III. Appendix GA3: Recommended Spares:

S. No.	Description	Unit*	Qty	Remarks
	NIL			

IV. Appendix GA4: Consumable Spares:

(A) Mandatory Consumable Spares For 378 Cars (63 Trainsets Of 6 -Car)				
S. No.	Description	Unit*	Qty	Remarks
1	Distilled Water	ltrs	1000	
2	Petroleum jelly	kg	5	

(B) Recommended Consumable Spares For 378 Cars (63 Trainsets Of 6 -Car)				
S. No.	Description	Unit*	Qty	Remarks
	NIL			

V. Appendix GA5: Special Tools, Jig, Fixtures, Gauges, Testing and Diagnostic Equipment:

S. No.	Description	Unit*	Qty	Remarks
1	Capacity measuring instrument of Battery bank charging and discharging equipment	Set	2	
2	Cell lifting puller	Set	2	
3	Water filling cart	Set	2	
4	Insulated torque wrench	Set	2	

VI. Appendix GA6: Overhauling Spares:

(A) Mandatory Intermediate Overhauling Spares For 5 Trainsets Of 6 - Car Configuration:				
S. No.	Description	Unit*	Qty	Remarks
	NIL			
(B) Recommended Intermediate Overhauling Spares For 5 Trainsets Of 6 -Car Configuration:				
S. No.	Description	Unit*	Qty	Remarks
	NIL			

Note:

- *Wherever the Unit is mentioned as 'set' means as used in '3-car unit'; 'Trainset' means as used in '6-car trainset'.
- For Milestone G4: In case of increase/decrease of quantities of ordered train sets on account of exercising of option by the Employer, the declared quantity by the Bidder of consumables required under this Milestone will be increased/decreased on pro-rata basis. There shall be no change in the unit cost of consumables quoted by the Bidder.
- Employer at his sole discretion may exercise the option to increase/decrease the quantities (to any extent) of spares indicated under milestones G1, G2, G3,G4, G5 and G6. For increased quantities, payment to the contractor shall be on the basis of actual supplies made and quoted unit rates and no escalation or any other additional sums shall be payable. Any decrease in quantities, if considered by the Employer, shall be intimated by Employer within two years of the commencement date. However increase in quantities may be intimated at any time during the execution of Contract and the delivery period for the enhanced quantities only shall be mutually agreed.