



MUMBAI METRO RAIL CORPORATION **(MMRC)**

(A JV Company of Govt. of India and Govt. of Maharashtra)
NaMTTRI Building, Plot No. R-13, 'E'- Block, Behind MMRDA, Near Jetwan
Bandra Kurla Complex, Bandra (East), Mumbai 400051, India.
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“Supply, Installation, Testing and Commissioning of Electrical, Air-conditioning, Fire-Alarm and other Allied Services for Mumbai Metro Rail Corporation Ltd. Project Office at E-Block, Bandra-Kurla Complex, Mumbai – 400051”

Date: 22nd November 2016

Addendum No: 1

Sr. No	Description and Clause No.	Amendment
1.	Eligibility criteria for bidders, Sr. No. 5. Part-1, Section-I, Part-B Sr. No. 2.6	Replace: “Not required if applicant is a registered Class (I) Electrical contractor of PWD” With: “Not required if applicant is a registered Class (A) Electrical contractor of PWD”
2.	Section-1: Design, Supply, Installation, Testing and Commissioning of Electrical Works, Item No. 1.1 Part-1, Section IX (f), Schedule-B: Bill of Quantities	(i) Item No. 1.1.1, Replace: “Point wiring for light/fan/bell (concealed type) in min 20(or 25) mm rigid PVC conduit with 1.0 sq.mm. With: “Point wiring for light/fan/bell (concealed type) in min 20(or 25) mm rigid PVC conduit with 1.5 sq.mm. ” (ii) Item No. 1.1.2, Replace: “Point wiring for light/fan/bell in 20 mm metal conduit with 1.0 sq.mm. With: “Point wiring for light/fan/bell in 20 mm metal conduit with 1.5 sq.mm. ” (iii) Item No. 1.1.3, Replace: “2-way Light Point wiring for light (concealed type) in min 20(or 25) mm rigid PVC conduit with 1.0 sq.mm”. With: “2-way Light Point wiring for light (concealed type) in min 20(or 25) mm rigid PVC conduit with 1.5 sq.mm. ”.
3.	Section-1: Design, Supply, Installation, Testing and Commissioning of Electrical Works, Item No. 1.2 Part-1, Section IX (f), Schedule-B: Bill of Quantities	(i) Item No. 1.2.1, Replace: “Supplying, erecting, laying & terminating PVC armoured cable 3 core 2.5 sq. mm copper conductor” With: “Supplying, erecting, laying & terminating PVC cable 3 core 2.5 sq. mm copper conductor”

Sr. No	Description and Clause No.	Amendment
		<p>(ii) Item No. 1.2.3, Replace: “Supplying, erecting, laying & terminating PVC armoured cable 4 core 4 sq. mm copper conductor” With: “Supplying, erecting, laying & terminating PVC cable 4 core 4 sq. mm copper conductor”</p> <p>(iii) Item No. 1.2.4, Replace: “Supplying, erecting, laying & terminating PVC armoured cable 4 core 6 sq. mm copper conductor” With: “Supplying, erecting, laying & terminating PVC cable 4 core 6 sq. mm copper conductor”</p> <p>(iv) Item No. 1.2.5, Replace: “PVC armoured cable 4 core 16 sq. mm aluminium conductor with continuous 5.48 sq. mm (12 SWG) G.I. earth wire complete erected with glands & lugs” With: “PVC armoured cable 4 core 16 sq. mm aluminium conductor with continuous 5.48 sq. mm complete erected with glands & lugs”</p> <p>(v) Item No. 1.2.6, Replace: “PVC armoured cable 3½ core 50 sq. mm aluminium conductor with continuous 5.48 sq. mm (12 SWG) G.I. earth wire complete erected with glands & lugs” With: “PVC armoured cable 3½ core 50 sq. mm aluminium conductor with continuous 5.48 sq. mm complete erected with glands & lugs”</p> <p>(vi) Item No. 1.2.7, Replace: “PVC armoured cable 3½ core 120 sq. mm aluminium conductor with continuous 12.97 sq. mm (8 SWG) G.I. earth wire complete erected with glands & lugs” With: “PVC armoured cable 3½ core 120 sq. mm aluminium conductor with continuous 12.97 sq. mm complete erected with glands & lugs”</p> <p>(vii) Item No. 1.2.8, Replace: “PVC armoured cable 3½ core 300 sq. mm aluminium conductor with continuous 12.97 sq. mm (8 SWG) G.I. earth wire complete erected with glands & lugs” With: “PVC armoured cable 3½ core 300 sq. mm aluminium conductor with continuous 12.97 sq. mm complete erected with glands & lugs”</p>

Sr. No	Description and Clause No.	Amendment
4.	Section-2: Design, Supply, Installation, Testing and Commissioning of Mechanical Works, Part-1, Section IX (f), Schedule-B: Bill of Quantities	<p>(i) Replace “Design, Supply, Installation, Testing and Commissioning Works for HVAC Installation” With “Design, Supply Works for HVAC Installation”</p> <p>(ii) Replace “Design, Supply, Erection, Testing and Commissioning Works for Variable Refrigerant System” With “Erection, Testing and Commissioning Works for Variable Refrigerant System”</p>
5.	Variable refrigerant system, List of Approved makes Annexure-2: Air Conditioning systems	<p>Replace: “Mitsubishi Electric/Daikin/Toshiba/Samsung/LG/Hitachi/Midea” With: “Mitsubishi Electric/Daikin/Toshiba/Samsung/LG/Hitachi/Midea/ Blue Star/Voltas”</p>
6.	Annexure-7: List of Approved makes Part-2: Technical Specification	<p>Sr. No. 74 added as: “Item: Pumpset. Make (ISI Marked): Grundfos, Bajaj, Kirloskar, Crompton Greaves”</p>

All other terms and conditions remain same.

Place: Mumbai

Date: 22nd November, 2016

Sd/-
Executive Director, MMRC