



MUMBAI METRO RAIL CORPORATION LIMITED

(A JV company of Govt. of India and Govt. of Maharashtra)

5th Floor, A -Wing, Old MMRDA Building, Bandra-Kurla Complex, Bandra (E), Mumbai - 400 051.

MMRC e-Tendering portal: www.tenderwizard.com/MMRC

Website: www.mmrc.com

Invitation of Bid For, “Design, Manufacture, Supply, Installation, Testing and Commissioning of E&M works comprising of Electrical Sub Stations with HT and LT works, Ventilation and Air Conditioning Systems (VAC), Fire Detection Systems, Fire Suppression (Fire Fighting) Systems, Building Management System (BMS), EOT cranes, Air-Compressors including compressed air piping works and Plumbing Pumps for the Depot Buildings including OCC and at grade Aarey Station for “Mumbai Metro Line -3”

Date: [07th February 2018]

Contract No: [MM3-CBS-DEM]

Addendum No: 8

Sr. No	Reference Clause no. and Description	Existing content to be deleted		To be replaced as											
1.	Sr. No 1 of Addendum -5 Volume1,Section 1, NIT Clause 1.1.2 KEY DETAILS, Approximate Cost of work, Page 1 of 10	INR 61,99,92,389/-		INR 61,87,18,739/-											
2.	Sr. No 1 of Addendum - 7. Volume1,Section 1,NIT Clause 1.1.2 KEY DETAILS, Page 1 & 2 of 10	<table border="1"> <tr> <td>Tender documents on sale</td> <td>From 24-07-2017 to 11-02-2018 (up to 18:00Hrs) on e-tendering website</td> </tr> <tr> <td>Date & time of Submission of Tender</td> <td>12-02-2018 up to 1800 Hrs</td> </tr> <tr> <td>Date & time of opening of Tender (Tender Security + Technical)</td> <td>14-02-2018 from 1100 Hrs</td> </tr> </table>	Tender documents on sale	From 24-07-2017 to 11-02-2018 (up to 18:00Hrs) on e-tendering website	Date & time of Submission of Tender	12-02-2018 up to 1800 Hrs	Date & time of opening of Tender (Tender Security + Technical)	14-02-2018 from 1100 Hrs	<table border="1"> <tr> <td>Tender documents on sale</td> <td>From 24-07-2017 to 19-02-2018 (up to 18:00Hrs) on e-tendering website</td> </tr> <tr> <td>Date & time of Submission of Tender</td> <td>20-02-2018 up to 1800 Hrs</td> </tr> <tr> <td>Date & time of opening of Tender (Tender Security + Technical)</td> <td>21-02-2018 from 1100 Hrs</td> </tr> </table>	Tender documents on sale	From 24-07-2017 to 19-02-2018 (up to 18:00Hrs) on e-tendering website	Date & time of Submission of Tender	20-02-2018 up to 1800 Hrs	Date & time of opening of Tender (Tender Security + Technical)	21-02-2018 from 1100 Hrs
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3.	Attachment-11 to Addendum-5 Volume-6, Bill Of Quantities Page No xi Percentage Rate Tender Form (Envelop B1) column 3 (Bid Estimated Amount)	61,99,92,389/- (Rupees Sixty One crores Ninety Nine lakhs Ninety Two thousand and Three Hundred Eighty Nine only)	INR 61,87,18,739/- (Rupees Sixty One Crores Eighty Seven Lakhs Eighteen Thousand Seven Hundred Thirty Nine Only)
4.	Page No 1 of 326 Project Sum - Cost Estimate For - Aarey Station and Depot with OCC Building PART-B (Aarey Depot Building) B.1 ELECTRICAL LT (DEPOT) B.2 FIRE DETECTION AND FIRE FIGHTING SYSTEM B.3 EOT CRANE /COMPRESSOR B.5 BUILDING MANAGEMENT SYSTEM TOTAL of PART-B (Aarey Depot Building) PART-C (OCC Building) C.1 ELECTRICAL LT (OCC) C.2 FIRE DETECTION AND FIRE FIGHTING SYSTEM C.3 VAC SYSTEM C.6 SPARES (CABLES & LIGHT FIXTURE) TOTAL of PART-C (OCC Building) PART-D (Aarey Station) S.1 ELECTRICAL LT (STATION) S.2 FIRE DETECTION AND FIRE FIGHTING SYSTEM S.3 BUILDING MANAGEMENT SYSTEM TOTAL PART-D (Aarey Station) GRAND TOTAL FOR AAREY STATION, DEPOT AND OCC	Amount (Rs) 15,05,43,426 3,71,57,784 4,16,63,681 2,00,86,104 26,62,84,918 9,98,16,622 3,42,19,778 6,34,42,779 39,41,501 21,31,08,056 4,62,13,240 2,33,17,891 92,65,883 8,36,96,739 61,99,92,389	Amount (Rs) 14,95,09,681 3,71,35,839 4,17,13,089 1,99,34,973 26,51,27,505 9,98,15,790 3,42,18,333 6,34,29,734 38,52,780 21,30,04,014 4,62,00,272 2,34,23,432 91,61,115 8,36,84,544 61,87,18,739

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5.	<p>Page No 2 of 326 DEP-SUM Part A(HT-Systems) & Part B (Aarey Depot Buildings) B.1 PART-B-ELEC. LT SYSTEM</p> <p>B.1.1 MV Switchgear B.1.3 Distribution Cables B.1.6 Highmast & Street light pole Total of B.1</p> <p>Page No 3 of 326 B.2- FIRE DETECTION AND FIRE FIGHTING SYSTEM (DEPOT) B.2.1 Fire Detection and Alarm System B.2.2 Fire Fighting System Total of B.2</p> <p>B.3 -EOT CRANE/COMPRESSOR B.3.2 AIR COMPRESSOR WITH ACCESSORIES & COMPRESSED AIR PIPING Total of B.3</p> <p>B.5- BUILDING MANAGEMENT SYSTEM(BMS) B.5.1 BMS- DEPOT</p>	<p>Amount (Rs.)</p> <p>2,16,55,046 3,70,07,882 47,75,936 15,05,43,426</p> <p>33,79,989 2,44,25,587 3,71,57,784</p> <p>1,59,51,768</p> <p>4,16,63,681</p> <p>2,00,86,104</p>	<p>Amount (Rs)</p> <p>2,16,64,166 3,59,70,489 47,70,464 14,95,09,681</p> <p>33,82,062 2,44,01,569 3,71,35,839</p> <p>1,60,01,176</p> <p>4,17,13,089</p> <p>1,99,34,973</p>

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6.	<p>Page No 42 of 326 (PART-B DEP-LT)</p> <p>S.No.11.12 - 250/200 Amps, 415V, Ics=50 kA, 4P, MCCB with variable overcurrent and short circuit releases and 1-set of three phase indicating lamps (red, yellow, blue).</p> <p>S.No.11.13 - 250/200 Amps, 415V, Ics=35 kA, 4P, MCCB with variable overcurrent and short circuit releases and 1-set of three phase indicating lamps (red, yellow, blue).</p> <p>Page No.45 of 326 TOTAL E.01 (M V SWITCHGEAR)</p>	<table border="1" data-bbox="846 240 1310 328"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>44,607</td><td>44,607</td></tr> </tbody> </table> <table border="1" data-bbox="846 480 1310 568"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>44,607</td><td>44,607</td></tr> </tbody> </table> <p>2,16,55,046</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	44,607	44,607	Unit Price (Rs).	Total Amount (Rs)	5	6	44,607	44,607	<table border="1" data-bbox="1512 240 1975 328"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>49,167</td><td>49,167</td></tr> </tbody> </table> <table border="1" data-bbox="1512 480 1975 568"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>49,167</td><td>49,167</td></tr> </tbody> </table> <p>2,16,64,166</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	49,167	49,167	Unit Price (Rs).	Total Amount (Rs)	5	6	49,167	49,167
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7.	<p>Page No 51 of 326, (PART-B DEP-LT)</p> <p>S.No1.16 - 3 core 4sq mm CU conductor cable</p> <p>S.No.1.17 - 3 core 6sq mm CU conductor cable</p>	<table border="1" data-bbox="846 735 1310 823"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>264</td><td>3,62,336</td></tr> </tbody> </table> <table border="1" data-bbox="846 863 1310 951"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>169</td><td>92,782</td></tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	264	3,62,336	Unit Price (Rs).	Total Amount (Rs)	5	6	169	92,782	<table border="1" data-bbox="1512 735 1975 823"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>169</td><td>2,32,375</td></tr> </tbody> </table> <table border="1" data-bbox="1512 863 1975 951"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>219</td><td>1,20,450</td></tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	169	2,32,375	Unit Price (Rs).	Total Amount (Rs)	5	6	219	1,20,450
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8.	<p>Page No 52 of 326, PART-B DEP-LT</p> <p>i - 4 core 35 sq. mm Cu. Conductor cable</p> <p>Page 54 of 326 TOTAL FOR E.03 (DISTRIBUTION CABLES)</p>	<table border="1" data-bbox="846 1038 1310 1126"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>4,482</td><td>12,32,550</td></tr> </tbody> </table> <p>3,70,07,882</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	4,482	12,32,550	<table border="1" data-bbox="1512 1038 1975 1126"> <thead> <tr><th>Unit Price (Rs).</th><th>Total Amount (Rs)</th></tr> </thead> <tbody> <tr><td>5</td><td>6</td></tr> <tr><td>1,082</td><td>2,97,452</td></tr> </tbody> </table> <p>3,59,70,489</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	1,082	2,97,452												
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9.	Page No 66 of 326, PART-B DEP-LT Street Light Poles TOTAL FOR E.06 (Highmast & Street light pole)	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>27430.97</td> <td>21,67,047</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	27430.97	21,67,047	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>27362</td> <td>2161575</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	27362	2161575	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>27362</td> <td>2161575</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	27362	2161575	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>27362</td> <td>2161575</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	27362	2161575								
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10.	Page No 77 of 326, PART-B - DEPOT FIRE Detection & Suppression Systems Sl.No.7 Supply installation testing and commissioning of addressable analogue Talk Back jack ..contd... Page 79 of 326 TOTAL FOR F.01 Page No 81 of 326 Sl.No.1.8 Providing & fixing Stainless steel cabinet (to enclose FB connection, draw off connection & for external hydrants) fabricated from 16 g sheet contd..... Page No.87 of 326, TOTAL FOR F.02 Page No. 93 of 326, TOTAL	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>4,894</td> <td>68,515</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	4,894	68,515	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>5,042</td> <td>70,588</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	5,042	70,588	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>5,042</td> <td>70,588</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	5,042	70,588	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>5,042</td> <td>70,588</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	5,042	70,588								
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11.	Page No 101 of 326, PART-B - CAS - BOQ - Depot Air Compressor and its Piping Network 3.4 Providing and fixing gunmetal ball... a) 65 mm dia nominal bore b) 25 mm dia nominal bore Total -2 GRAND TOTAL = (TOTAL -1 + TOTAL-2)	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>6,858</td> <td>34,290</td> </tr> <tr> <td>4,934</td> <td>1,23,352</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	6,858	34,290	4,934	1,23,352	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>6,858</td> <td>34,290</td> </tr> <tr> <td>4,934</td> <td>1,23,352</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	6,858	34,290	4,934	1,23,352	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>7,120</td> <td>35,600</td> </tr> <tr> <td>6,858</td> <td>1,71,450</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	7,120	35,600	6,858	1,71,450	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>7,120</td> <td>35,600</td> </tr> <tr> <td>6,858</td> <td>1,71,450</td> </tr> </tbody> </table>	Unit Price (Rs).	Total Amount (Rs)	5	6	7,120	35,600	6,858	1,71,450
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12.	<p>Page No 111 of 326 PART-B - BMS BOQ - Depot</p> <p>S.N. 2.2</p>		<p>(Add following after last paragraph) Touch Screen LCD type Local control Panel directly mounted on the PLC Housing itself, with screen Guard protection A By-pass switch/es shall be provided to completely by-pass the PLC in the event of a total failure of the PLC and associated equipment to enable the normal operation of the equipment controlled by the PLC. Panels shall be fitted with a suitable pocket to contain circuit diagrams and other relevant definitive design drawings.</p>																																
13.	<p>Page No 115/116 of 326, PART-B - BMS BOQ – Depot S.N.8 WIRING AND CONDUITING</p> <p>8.1 - 2C X 1.5 Sq.mm 8.2 - 4C X 1.5 Sq.mm. 8.3 - 12C X 1.5 Sq. mm 8.4 - 2C X 1.5 Sq.mm 8.5 - 4C X 1.5 Sq.mm. 8.6 - 12C X 1.5 Sq. mm</p> <p>TOTAL</p>	<table border="1" data-bbox="846 646 1317 877"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>128</td> <td>3,45,329</td> </tr> <tr> <td>195</td> <td>2,3,26,274</td> </tr> <tr> <td>516</td> <td>1,3,93,224</td> </tr> <tr> <td>146</td> <td>3,63,853</td> </tr> <tr> <td>226</td> <td>8,58,912</td> </tr> <tr> <td>573</td> <td>1,4,33,358</td> </tr> </tbody> </table> <p>2,00,86,104</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	128	3,45,329	195	2,3,26,274	516	1,3,93,224	146	3,63,853	226	8,58,912	573	1,4,33,358	<table border="1" data-bbox="1514 630 1984 858"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>125</td> <td>3,37,500</td> </tr> <tr> <td>191</td> <td>22,76,720</td> </tr> <tr> <td>504</td> <td>13,60,800</td> </tr> <tr> <td>142</td> <td>3,55,000</td> </tr> <tr> <td>221</td> <td>8,39,800</td> </tr> <tr> <td>560</td> <td>14,00,000</td> </tr> </tbody> </table> <p>1,99,34,973</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	125	3,37,500	191	22,76,720	504	13,60,800	142	3,55,000	221	8,39,800	560	14,00,000
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14.	<p>Page No. 119 of 326 PART-C (OCC Building) C.01- ELECTRICAL LT SYSTEM C.01.4 Conduit Wiring Total for C.01</p> <p>C.02- FIRE DETECTION AND FIRE SUPPRESSION SYSTEM (OCC) C.02.2 Fire Fighting System C.02- FIRE DETECTION AND FIRE SUPPRESSION SYSTEM (OCC) Page No. 120 of 326</p>	<p>95,27,198 9,98,16,622</p> <p>1,01,44,783 3,42,19,778</p>	<p>95,26,367 9,98,15,790</p> <p>1,01,43,338 3,42,18,333</p>																																

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	C.03 - VAC SYSTEM WITH AIR COOLED CHILLER (OCC) C.03.3 VENTILATION SYSTEM Total for C.03 C.06 - SPARES (CABLES & LIGHT FIXTURE) C.05.1 Distribution cables C.05.2 Light Fixtures Total for C.06	45,57,805 6,34,42,779 1 8,72,052 20,69,448 3 9,41,501	45,44,760 6,34,29,734 17,84,653 20,68,127 38,52,780												
15.	Page No. 161 of 326 PART-C - 'SCHEDULE OF QUANTITIES -OCC - LT S.No. 1.1.3 MCB Control with 3 x 4 sq.mm wire Page No. 166 of 326 TOTAL FOR E.04 (CONDUIT WIRING)	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>8317</td> <td>109784</td> </tr> </tbody> </table> 95,27,198	Unit Price (Rs).	Total Amount (Rs)	5	6	8317	109784	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>8,254</td> <td>1,08,952</td> </tr> </tbody> </table> 95,26,367	Unit Price (Rs).	Total Amount (Rs)	5	6	8,254	1,08,952
Unit Price (Rs).	Total Amount (Rs)														
5	6														
8317	109784														
Unit Price (Rs).	Total Amount (Rs)														
5	6														
8,254	1,08,952														
16.	Page No. 188 of 326 Sl.No1.19.3 Providing and fixing inspector's test assembly complete with test value, sight glass sectional drain valve union with corrosion resistant orifice all complete Page No. 191 of 326,TOTAL FOR F.02 Page No. 203 of 326,TOTAL	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>9,819</td> <td>49,095</td> </tr> </tbody> </table> 1,01,44,783 3,42,19,778	Unit Price (Rs).	Total Amount (Rs)	5	6	9,819	49,095	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>9,530</td> <td>47,650</td> </tr> </tbody> </table> 1,01,43,338 3,42,18,333	Unit Price (Rs).	Total Amount (Rs)	5	6	9,530	47,650
Unit Price (Rs).	Total Amount (Rs)														
5	6														
9,819	49,095														
Unit Price (Rs).	Total Amount (Rs)														
5	6														
9,530	47,650														
17.	Page No. 228 of 326 Sl.No. e) Capacity 2000 i) Capacity 3200 Page No. 228 of 326 TOTAL OF HEAD H.03	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>14,248</td> <td>56,993</td> </tr> <tr> <td>17,928</td> <td>1,97,210</td> </tr> </tbody> </table> 45,57,805	Unit Price (Rs).	Total Amount (Rs)	5	6	14,248	56,993	17,928	1,97,210					
Unit Price (Rs).	Total Amount (Rs)														
5	6														
14,248	56,993														
17,928	1,97,210														

Sr. No	Reference Clause no. and Description	Existing content to be deleted	To be replaced as	
			Unit Price (Rs).	Total Amount (Rs)
	Page No. 232 of 326 TOTAL OF ALL HEADS	6,34,42,779	5 10,996 17,925	6 43,984 1,97,175
				45,44,760 6,34,29,734
18.	Page No. 242 of 326,		Unit Price (Rs).	Total Amount (Rs)
	S.N.2.4 b) 25 mm dia nominal bore		5	6
	Page No. 243 of 326,	15,84,993	4,934	24,670
	Total -1	15,84,993		
	GRAND TOTAL = (TOTAL -1)			15,94,612 15,94,612
19.	Page No. 244 of 326, PART-C - SCHEDULE OF SPARE QUANTITIES -OCC – LT S.01 DISTRIBUTION CABLES 1 FRLS Cable	Supply of 1100 V grade, armoured, FRLS, XLPE, aluminium (AL) / Copper (CU) conductor cables on existing trays / walls/columns/ indoor including the cost of supply and fixing, crimping lugs, double compression and weather proof brass glands, Earthing lugs and shrouds, supports with suitable clamps, saddles, hooks, bolts etc. & in ground/ trenches including the cost of proper dressing of cables, markers providing identification tags, sand filling etc. (cost of excavation, sand & bricks, included here) earthing of glands armouring etc. complete as per specifications as required and as below.	Supply of 1100 V grade, armoured, FRLS, XLPE, aluminium (AL) / Copper (CU) conductor cables as below	
20.	Page No. 246 of 326, PART-C - SCHEDULE OF SPARE QUANTITIES -OCC – LT S.01 DISTRIBUTION CABLES 2 Fire Survival Cables	Supply, of 1100 V grade, armoured, FIRE SURVIVAL CABLE, XLPE, Copper (CU) conductor cables on existing trays / walls/columns/ indoor including the cost of supports with suitable clamps, saddles, hooks, bolts etc. & in ground/ trenches including the cost of supply and fixing, crimping lugs, double compression weather proof flame proof brass glands, Earthing lugs and shrouds, proper dressing of cables, markers providing identification tags, sand filling etc. (cost of	Supply, of 1100 V grade, armoured, FIRE SURVIVAL CABLE, XLPE, Copper (CU) conductor cables as below	

Sr. No	Reference Clause no. and Description	Existing content to be deleted	To be replaced as																								
		excavation, sand & bricks, included here) earthing of glands armouring etc. complete as per specifications as required and as below.																									
21.	<p>Page No. 245 of 326 PART-C - SCHEDULE OF SPARE QUANTITIES -OCC – LT S.No.1.16 - 3 core 4 sq mm CU conductor cable</p> <p>Page No. 246 of 326 S.No.2 Fire Survival Cable i - 4 core 240 sq. mm Fire Survival Cu. Conductor cable</p> <p>TOTAL FOR S.01 (DISTRIBUTION CABLES)</p>	<table border="1" data-bbox="846 347 1310 435"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>198</td> <td>37488</td> </tr> </tbody> </table> <table border="1" data-bbox="846 502 1310 590"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>4,482</td> <td>3,69,765</td> </tr> </tbody> </table> <p>18,72,052</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	198	37488	Unit Price (Rs).	Total Amount (Rs)	5	6	4,482	3,69,765	<table border="1" data-bbox="1512 347 1975 435"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>127</td> <td>24042</td> </tr> </tbody> </table> <table border="1" data-bbox="1512 502 1975 590"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>3,586</td> <td>2,95,812</td> </tr> </tbody> </table> <p>17,84,653</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	127	24042	Unit Price (Rs).	Total Amount (Rs)	5	6	3,586	2,95,812
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Unit Price (Rs).	Total Amount (Rs)																										
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3,586	2,95,812																										
22.	<p>Page No 250 of 326 PART-C - SCHEDULE OF SPARE QUANTITIES -OCC – LT S.No.1.11 47W High power LED Decorative Post Top with 1600 lm neutral white output having contd..... a) Supply of above given items</p> <p>TOTAL FOR S.02 (LIGHT FIXTURE)</p>	<table border="1" data-bbox="846 810 1310 898"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>13,217</td> <td>13,217</td> </tr> </tbody> </table> <p>20,69,448</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	13,217	13,217	<table border="1" data-bbox="1512 810 1975 898"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>11,895</td> <td>11,895</td> </tr> </tbody> </table> <p>20,68,127</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	11,895	11,895												
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11,895	11,895																										
23.	<p>Page No. 251 of 326 STN- SUM- PART-D (Aarey Station) S.01 - ELECTRICAL LT SYSTEM FOR AAREY STATION</p> <p>E.01 MV Switchgear E.06 Protective Earthing</p> <p>S.01 - ELECTRICAL SYSTEM FOR AAREY STATION</p>	<p>1,15,98,811 26,39,624 4,62,13,240</p>	<p>1,15,95,872 26,29,594 4,62,00,272</p>																								

Sr. No	Reference Clause no. and Description	Existing content to be deleted	To be replaced as																																				
	TOTAL FOR E.06	26,39,624	26,29,594																																				
26.	<p>Page No. 311 of 326 PART-D - Station - Fire S.N.1.2 - Carbon dioxide extinguisher conforming to relevant IS with high pressure discharge tube, horn, control valve, IS marked including clamps etc. 4.5 kg capacity extinguisher S.N.1.4 Providing and fixing fire extinguishers water type of Capacity 9 liter with internal plastic fitting and ISI marked as per IS-940 with Gun metal Cap Co2 cartridge and Initial refill. S.N.1.5 Providing and Fixing Co2 gas type trolley mounted fire extinguisher of capacity 22.5 kg with ISI marked and as Item IS 2878with discharge nozzle and initial refill. Page No. 312 of 326,TOTAL FOR F.05</p> <p>Page No. 316 of 326,TOTAL</p>	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>4521</td> <td>180824</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>1874</td> <td>3749</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>14223</td> <td>28447</td> </tr> </tbody> </table> <p>2,53,287</p> <p>2,33,17,891</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	4521	180824	Unit Price (Rs).	Total Amount (Rs)	5	6	1874	3749	Unit Price (Rs).	Total Amount (Rs)	5	6	14223	28447	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>6787</td> <td>271480</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>2728</td> <td>5456</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>20812</td> <td>41624</td> </tr> </tbody> </table> <p>3,58,828</p> <p>2,34,23,432</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	6787	271480	Unit Price (Rs).	Total Amount (Rs)	5	6	2728	5456	Unit Price (Rs).	Total Amount (Rs)	5	6	20812	41624
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20812	41624																																						
27.	<p>Page No. 320 of 326 PART-D-AAREY STATION BMS S.N.4.1 e Level sensor</p> <p>Page No. 322 of 326, TOTAL</p>	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>62,910</td> <td>1,25,820</td> </tr> </tbody> </table> <p>92,65,883</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	62,910	1,25,820	<table border="1"> <thead> <tr> <th>Unit Price (Rs).</th> <th>Total Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> </tr> <tr> <td>10,526</td> <td>21,052</td> </tr> </tbody> </table> <p>91,61,115</p>	Unit Price (Rs).	Total Amount (Rs)	5	6	10,526	21,052																								
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