

Appendix

Appendix-I (a)

(Reference: Paragraph no.1.6)

List of selected major category contract agreements of Lucknow Metro Rail Project

Sl. No.	Name of Contractor	Description	Contract No.	Contract Value (₹ in crore)
1	M/s Gulermak-TPL Joint Venture	Underground Twin Tunnelling including 3 underground stations including Ramp, architectural & E&M Works	LKCC-06	1,190.52
2	M/s Larsen & Toubro Limited	Elevated Packages for K.D. Singh babu to Munshi Pulia	LKCC-07	675.33
3	Larsen & Toubro Limited	Construction of elevated viaduct, eight elevated stations from Transport Nagar to Charbagh/c ramp to depot (LKCC-01) including extra items, negative Escalation and variation for elevated viaduct and Amausi Extension towards CCS Airport - Contractor Larson & Toubro Limited	LKCC-01	630.68
4	SAM (India) Built Well Pvt. Ltd.	Civil and E&M works for Depot including variations + Misc. Contracts for depot items + Evergreen Landscape & Horticulture + Kitchen Planning + Furniture of DCC building + Auditorium & Class setup of Training Centre	LKCC-03	130.51
5	Canon Fastners, Delhi	Architect and E&M works for 8 Nos stations of priority corridor + Signage LKSG-01	LKCC-04	85.55
6	M/s K.S.M Bashir Mohmmad & Sons	Staff Quarters and officer's colony	LKCC-09	80.93
7	Systra MVA Consulting India Pvt. Ltd.	Detailed designed contract	LKDD-01	14.41
8				5.75
9	Larsen & Toubro Limited	25kv Flexible/Rigid OHE (LKE01 &2) & Receiving & Auxiliary Main/ Traction sub stations	LKE-1&2	363.33
10	BLT-Stone India Consortium	Escalators	LKE 04	53.09
11	M/s Kalindee Rail Nirman (Engineers) Limited	Track Laying	LKT-5	109.47
12	Vossloh Fastening Systems GmbH	Fastenings systems	LKT-3	51.02
13	Mitsui & Co. Pvt. Ltd.	Track work in Viaduct, Station and Depot: Tender for supply of Head Hardened Rail	LKT-01	39.88
14	Consortium of AYESA-KARNA-AARVEE-GEODATA	General Consultancy work	LKGC-01	234.57
15				14.38
16	Delhi Metro Rail Corporation Ltd.	Interim Consultancy	-	13.00
17	CBM Industries Ltd.	Signage work	LKSG-02	14.40

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Sl. No.	Name of Contractor	Description	Contract No.	Contract Value (₹ in crore)
18	M/S Larsen & Turbo Limited	Telecom. System	LKS 02	112.30
19	M/S Datamatics Global Services Ltd.	Automated Fare collection system	LKS-01	63.92
20	Consortium of ALSTOM Transport India Ltd., Bangalore & ALSTOM Transport SA France	Rolling Stock (cars) & Signalling	LKRS-01	1069.81
21	M/s KPIT Technologies Ltd.	ERP	LKERP-01	9.24
Total				₹ 4,962.09

Appendix-I(b)

(Reference: Paragraph no.-1.6)

List of selected contracts for miscellaneous works of Lucknow Metro Rail Project

Sl. No.	Name of Contractor	Description	Contract no.	Contract Value (₹ in crore)
1	BVG India Ltd.	Mechanized Cleaning and Housekeeping Works of Rolling Stock (Metro Trains), Transport Nagar Depot and 21 Nos. Metro Stations from CCS Airport to Munshipulia, of Lucknow Metro at Lucknow.	LKHK-02	15.21
2	Indradev Associates	Maintenance contract for civil works from CCS Airport to Munshipulia Metro Station and Transport Nagar Depot”.	LKCM-01	3.11
3	Abhi Advertising	Advertisement Rights of Lucknow Metro Trains in Priority Section of LMRC Network of Phase-I. (For 13 sets)	LKAR-02	1.96
4	Saumya Traders	Maintenance cum Rate contract for E&M works at Transport Nagar Depot and 8 Stations of Priority section (TPNR-CHBG) of Lucknow Metro Rail Co. Ltd.	LKE-MCRC-1	1.63
5	Shri Ramswaroop Digital Technologies Pvt. Ltd.	Custom HRMS Module Development and AMC	LKERP-02	0.74
6	FEAG Engineers & Construction Pvt. Ltd.	Maintenance cum Rate contract for E&M works at Transport Nagar Depot and 8 Stations of Priority section (TPNR-CHBG) of Lucknow Metro Rail Co. Ltd.	LMRC/O&M/E&M/25/Rate Contract -3/2019 dated 10.06.2019	0.54
7	Oasis	Comprehensive Annual maintenance Contract of 29 no. Escalator of Priority	UPMRC/ Escalators/AMC-2/01	0.51
8	Nugen Innova	Proposal for computerised maintenance management system (CMMS)	LKE-CMMS	0.50
9	Saransh	Maintenance cum Rate Contract of Maintenance at Depot & stations of Priority section (TPNR-CHBC) of UPMRC	LMRC/O&M/ E&M/25/Rate contract dated 20.03.2018	0.19
10	D.K. Enterprises	Refilling Cartridge	UPMRC/Stores/2020/017/1	0.10
11	Coffee Day Global Limited	Tea Coffee vending	LMRC/Stores/17/001/2020	0.08

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Sl. No.	Name of Contractor	Description	Contract no.	Contract Value (₹ in crore)
12	Balaji Enterprises	Rectification of faulty lights of workshop & IBL at Depot and Station	LMRC/E&M/24/Quotation/2019/ Workshop dated 26.07.2019	0.08
13	Oasis	Annual maintenance of drinking water fountain of all 21 metro stations (CCAP-MSPA) LMRC	UPMRC/O&M/E&M/WF/AMC-2	0.07
14	Amazon Internet Services Pvt Ltd.	Amazon Web Services	LMRC/ IT/Cloud/2021	0.07
15	Oasis	Annual maintenance of drinking water fountain of all 21 metro stations (CCAP-MSPA) LMRC	UPMRC/O&M/ E&M/WF/AMC-1	0.05
16	Cummins India Ltd.	D1 check/repair of 01 no. Cummins engine of CMV (Tower wagon) with spare and consumable by original equipment manufacturer (M/s Cummins India Ltd.) for traction wing of UPMRC (including GST)	D1 check 01 no of Cummins Engine of CMV	0.04
17	Maharaja Baba Enterprises	SITC of streetlights at TPNR depot and artwork lights at various stations of Lucknow metro	LKE-ENM-02/LOA	0.04
18	Aparna Baranwal	Annual Recharge & AMC of DTH connections for UPMRC officers	LKDTH-01	0.04
19	J C Engineering and commercial construction	Supply Installation of various LED lights on occasion of Republic Day 2020 at TPN Depot and three nos. of UG stations	UPMRC/O&M/E&M/24/ Republic Day /2020/LOA dated 21.01.2020	0.04
20	Hitachi	Comprehensive annual maintenance for H1 Rel. make UPS System (2*5 KVA installed TPNR RSS and MSPA RSS for 2 years	CAMC of UPS System	0.03
21	Saumya traders	Providing of Decorative lightings at different locations on various occasion	LMRC/O&M/E&M/24/ quotation/2018 dated 14-8-2018	0.03
22	Noida Testing laboratories	Proposal for rate contract of oil testing auxiliary and booster transformer installed at MSPA RSS & TPNR RSS & main line balance section (CCAP-MSPA)	Proposal for rate contract of oil testing	0.02
23	BSNL	Broad Band Connectivity at UPMRC colony	UPMRC/IT/ Internet/Colony	0.01
24	Saumya traders	Providing of Decorative lightings at different locations on occasion of visit of PM	LMRC/O&M/ E&M/24/quotation/PM visit /2018 dated 26-7-2018	0.01

Sl. No.	Name of Contractor	Description	Contract no.	Contract Value (₹ in crore)
25	National insurance company limited	Renewal of insurance policy and payment of road tax for rail cum road vehicle	UPMRC/RS/19-20/RRV/ Certification/05	0.006
26	J K Enterprises	Comprehensive Annual Maintenance contract of 3 nos. Kent Perk RO water purifier/cooler in workshop area TPNRD Depot.	UPMRC/RS/20-21/RO/CAMC	0.006
27	J K Enterprises	Comprehensive Annual Maintenance contract of Kent Perk RO at DCC.	LMRC/O&M/ E&M/25/AMC-1/2019	0.005
28	Noida Testing laboratories	Proposal for oil testing auxiliary and booster transformer installed at MSPA RSS & main line balance section (KDSS-MSPA)	Transformer oil testing	0.005
29	Godrej and Boycee Mfg. Ltd	Furniture	LMRC/store/rate contract/furniture/1	0
30	ITI ltd.	e-tendering	UPMRC/stores/e-tendering/2019	0
		Total		25.122

Appendix-II

(Reference: Paragraph no.-1.8)

Records not furnished

Sl. No.	Details
1.	With reference to the contract package LKCC-01, the file related to the correspondences between UPMRCL, interim consultant (DMRC) and M/s Gammon India Ltd.
2.	Contract records of General Consultancy (LKGC-01) related to contract package for Administrative Building, or its construction.
3.	Copy of written structure/set of rules, regulation, instructions for Contract Management cell approved by the competent authority.
4.	Copy of challans for deposit of service tax from February 2015 to September 2017
5	Contract records of contract package LKCC-03
6	Permission for earth excavation from Geology and Mining Department.

Appendix-III

(Reference: Paragraph no. -3.3)

Calculation of interest as per Clause 11.2.6 of GCC on Plant & Machinery Advance (LKCC-07)

Vr. No./ Date of disbursement	Amount disbursed (in ₹)	Vr. No./Date of recovery	Amount recovered (in ₹)	Unrecovered Amount (in ₹)	Period for which the amount was with contractor	Days	Amount of interest to be recovered (@ 15% p.a.) (in ₹)
2879/03.04.17	317414842	-	0	317414842	03.04.2017 to 15.10.2017	195	25436668.85
		1609/16.10.2017	22593832	294821010	16.10.2017 to 15.11.2017	31	3755938.89
		1823/16.11.2017	27166329	267654681	16.11.2017 to 19.12.2017	34	3739832.53
		2071/20.12.2017	32902100	234752581	20.12.2017 to 28.01.2018	40	3858946.54
		2400/29.01.2018	47878192	186874389	29.01.2018 to 18.02.2018	21	1612751.58
		2555/19.02.2018	42464035	144410354	19.02.2018 to 15.03.2018	25	1483668.02
		2836/16.03.2018	36815722	107594632	16.03.2018 to 27.03.2018	12	530603.66
		3020/28.03.2018	22537994	85056638	28.03.2018 to 25.04.2018	29	1013688.70
		3317/26.04.2018	4640024	80416614	26.04.2018 to 23.05.2018	28	925341.86
		267/24.05.2018	34670348	45746266	24.05.2018 to 03.07.2018	41	770793.25
		674/04.07.2018	30726033	15020233	04.07.2018 to 19.07.2018	16	98763.18
		838/20.07.2018	15020233	0			0.00
	317414842		317414842				43226997.06

Appendix-IV

(Reference: Paragraph no.-3.4)

Irregular payment for material at site paid to contractor

(Amount in ₹)

Material Advance/ RA Bill	Material Advance paid	Material Advance recovered	Balance Material Advance	Voucher Number	Date
Ist material Advance	2,49,90,763	0	2,49,90,763	276	19.05.2016
IInd RA/bill	0	83,30,254	1,66,60,509	419	06.07.2016
IIIRD RA/Bill	0	83,30,254	83,30,255	698	12.08.2016
IInd material Advance	2,56,63,648	0	3,39,93,903	858	31.08.2016
Total	5,06,54,411	1,66,60,508	3,39,93,903		
Contract value			85,54,54,948		
Maximum 4% Material Advance admissible to contractor			3,42,18,198		
Balance Material Advance recoverable from contractor			3,39,93,903		
Material Advance due to contractor			2,24,294.92 Say ₹ 0.02 crore		
Provisional payment to contractor for material at site in 4th RA/bill			14,02,98,364 Say ₹ 14.03 crore		
Excess payment to contractor for material at site			14,00,74,069 Say ₹ 14.01 crore		

Appendix-V (a)
(Reference: Paragraph no.-3.6.1)
Details of approval of variations (LKCC-04)

Sl. No.	DSR Code No.	Particular	Unit	As per BOQ	BOQ Rate	Amount	Executed quantity	Executed Amount	Variation in quantities	Per cent Variation	Excess Amount
1.	5.9.3	Centering and Shuttering:-suspended floor, roof, landings, balconies and access platform	Sqm	160	401.65	64264	3939.73	1582392.555	3779.73	2362.33	1518128.6
2.	5.3	RCC work in beams, suspended floors roof etc.	Cum	45.84	6778.2	310712.688	716.92	4859427.144	671.08	1463.96	4548714.5
3.	18.8.4	Water Supply- concealed work including cutting chases and making good the wall etc. 32mm nominal outer dia pipes	Mtr	80	422.4	33792	1158.28	489257.472	1078.28	1347.85	455465.47
4.	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathrooms etc.	Sqm	349.04	283.1	98813.224	4944.96	1399918.176	4595.92	1316.73	1301105
5.	12.41.2	providing and fixing on wall face unplasticized rigid PVC 110 metre diameter	Mtr	160	231.65	37064	1990.2	461134.0725	1830.65	1144.16	424070.07
6.	5.22A.6	Steel reinforcement- thermo-mechanically	Kg	7900.8	68.1	538044.48	96892.57	6598384.017	88991.77	1126.36	6060339.5
7.	13.45.1	Finishing Wall - priming coat of exterior primer applied @ 2.20kg/10Sqm	Sqm	800	146.45	117160	7227.19	1058420.511	6427.18	803.4	941260.51
8.	5.9.5	Centering and Shuttering:-Lintels, beams, girders, bressumers, and cantilevers.	Sqm	598.96	332.15	198944.564	5287.52	1756249.768	4688.56	782.78	1557305.2
9.	8.7.2	Providing and fixing cramps-Stainless steel cramps	Kg	500	574.65	287325	2097.41	1205276.657	1597.41	319.48	917951.66
10.	6.1.1	Brick work- cement mortar 1:4	Cum	44.88	4918.65	220749.012	184.38	906654.7545	139.45	310.72	685905.74
11.	4.20.2.1	M-15 grade plain cement concrete work	Cum	826.16	6540.9	5403829.944	3071.3	20089066.17	2245.14	271.76	14685236
12.	8.5	Extra for Providing opening or required size & shape for wash basins/kitchen sink in kitchen platform, vanity counters and stone work	Rmt	32	386.6	12371.2	110	42526	78	243.75	30154.8

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Sl. No.	DSR Code No.	Particular	Unit	As per BOQ	BOQ Rate	Amount	Executed quantity	Executed Amount	Variation in quantities	Per cent Variation	Excess Amount
13.	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	21000	89.7	1883700	71698.07	6431316.879	50698.07	241.42	4547616.9
14.	8.8.1.2	Fastener with threaded dia 10mm	Each	2000	28.35	56700	5715	162020.25	3715	185.75	105320.25
15.	13.6.1	12 mm cement plaster 1:4	Sqm	4350	242.05	1052917.5	11326.6	2741603.53	6976.6	160.38	1688686
16.	19.19.2.2	RCC main hole cover: MD-10 circular shape 500 mm internal dia -meter	Each	24	909.25	21822	55	50008.75	31	129.17	28186.75
17.	21.8.1	Filling the gap in between aluminum frame and adjacent RCC/Brick stone work: up to 5mm width	Mtr	1100.8	88.75	97696	2474.51	219612.7625	1373.71	124.79	121916.76
18.	18.8.3	Canceled work: 25mm nominal outer dia	Mtr	200	351.3	70260	448.7	157628.31	248.7	124.35	87368.31
19.	19.21.1	Makin connection of drain or sewer line: for pipes 100 to 250 mm diameter	Each	8	364.6	2916.8	17	6198.2	9	112.5	3281.4
20.	18.17.4	Providing and fixing gun metal gate valve: 50 mm nominal bore.	Each	32	750.75	24024	67	50300.25	35	109.38	26276.25
21.	10.25.2	In gratings, frames guard bar ladder, railings brackets etc.	Kg	53493.68	90.10	4819780.57	101538.74	9148640.47	48045.06	89.81	4328860
22.	24.3.3	Supply and assembling lower in and fixing in vertical position in bourwel unplasticized PVC 200 mm dia	Mtr	160.00	878.60	140576.00	292.95	257385.87	132.95	83.09	116809.9
23.	17.28.1.2	Providing and fixing PVC 40mm dia	Each	32.00	82.60	2643.20	57.00	4708.20	25.00	78.13	2065
24.	8.3.2	Granite work.	Rmt	3162.40	230.55	729091.32	5389.45	1242537.70	2227.05	70.42	513446.4
25.	8.2.2.2	Granite of any colour and shade /area of slab over 0.50 sqm.	Sqm	136.48	3907.40	533281.95	201.45	787145.73	64.97	47.60	253863.8
26.	21.1.1.3	Polyster powder coated aluminium	Kg	7155.20	385.10	2755467.52	10048.04	3869500.20	2892.84	40.43	1114033
27.	8.4	extra for fixing marble/ granite stone over and above corresponding basic items	Rmt	170.40	247.40	42156.96	222.75	55108.35	52.35	30.72	12951.39
28.	19.26.2	Rectangular manhole 120X90cm with circular cover of 500mm of grade mnd -10	Each	24.00	2503.55	60085.20	31.00	77610.05	7.00	29.17	17524.85
		Total				19616189.13		65710032.80			46093844

Appendix-V (b)

(Reference: Paragraph no.-3.6.1)

Details of Approval of Variations (LKCC-07)

Sl. No.	Schedule	Item No.	As per BoQ	Rate	Unit	Bonded cost (in ₹)	Executed quantities	Variation in quantities	Variation (in per cent)	Excess amount (in ₹)
1	A	G01/2	125.00	2601.73	RM	325216.25	280.00	155.00	124.00	403268.15
2		8.1	10.00	18279.70	Nos.	182797.00	59.00	49.00	490.00	895705.30
3		8.2	10.00	28348.83	Nos.	283488.30	40.00	30.00	300.00	850464.90
4		8.3	5.00	45759.16	Nos.	228795.80	98.00	93.00	1860.00	4255601.88
5	B	V01/2	31	100509.53	MT	3115795.43	312.147	281.147	906.93	28257952.83
6		12	1510.78	5800.35	Cum	8763052.77	2332.036	821.256	54.36	4763572.24
7		V02/1	2578.3	12448.78	Cum	32096689.47	5826.786	3271.7	126.89	40728673.53
8		2	868.38	9277.37	Cum	8056282.56	1233.275	364.9	42.02	3385312.31
9		V03/2	360	1555.02	Cum	559807.20	1010	665.4	184.83	1034710.31
10		3	1450	10893.76	Cum	15795952.00	2743.58	1293.58	89.21	14091950.06
11		5	1387.3	10893.76	Cum	15112913.25	3796.65	2420.58	174.48	26369217.58
12		7	112.49	10893.76	Cum	1225439.06	361.29	287.51	255.59	3132064.94
13		V04/2	17640.85	1955.13	MT	34490155.06	22473.6	4871.35	27.61	9524122.53
14		3	288	12213.14	Cum	3517384.32	590.7	302.7	105.1	3696917.48
15		4	72	1555.02	Cum	111961.44	590.7	518.7	720.42	806588.87
16		5	918	2178.51	MT	1999872.18	1476.69	1341.98	146.19	2923516.85
17		8	1008.32	12213.14	Cum	12314753.32	2436.78	1561.68	154.88	19073016.48
18		9	2570	1955.13	MT	5024684.10	20224.14	17816.72	693.26	34834003.77
19		10	1	167352.24	Nos.	167352.24	8	7	700.00	1171465.68
20	11	1	446625.7	Nos.	446625.70	2	2	200.00	893251.40	
21	12	1	423956.97	Nos.	423956.97	2	1	100.00	423956.97	
22	V05/2(ii)	124424.2	158.33	RM	19700083.59	157046.3	32752.84	26.32	5185757.16	
23	3 (i)	176.65	158424.66	MT	27985716.19	264.07	87.42	49.49	13849483.78	

Sl. No.	Schedule	Item No.	As per BoQ	Rate	Unit	Bonded cost (in ₹)	Executed quantities	Variation in quantities	Variation (in per cent)	Excess amount (in ₹)
24		(ii)	7070.08	270.01	RM	1908992.30	9671.36	2601.22	36.79	702355.41
25		(iv)	1536	11435.01	Nos.	17564175.36	3366	964	62.76	11023349.64
26		4 (i)	242.87	158424.66	MT	38476597.17	308.589	97.13	39.99	15387787.23
27		(iv)	784	11435.01	Nos.	8965047.84	664	218	27.81	2492832.18
28		V06/2 (i)	80.37	110660.76	MT	8893805.28	546.11	459.63	571.89	50863005.12
29		V07/1	17438400	1.64	Cum	28598976.00	23145184	5994323.2	34.37	9830690.05
30	C	S02/4	1633.84	11646.11	Cum	19027880.36	2494.15	866.95	53.06	10096595.06
Total						315364248.51			Total	320947819.69
Say (₹ in crore)						31.54			Say (₹ in crore)	32.09

Schedule-E Misc. Works Under DSR 2014							
Item	Description	Unit	Quantities	Rate	Amount (₹ in crore)	Final Revised (₹ in crore)	Final Execution (₹ in crore)
1	Items covered in DSR 2014 but not mentioned in Schedule A, B, C & D	Lump Sum	Not available		15.00	47.00	48.95
			Total of Schedule E		15.00	47.00	48.95
			Above 5%		15.75	49.35	51.40
Variation (per cent)							226%

Appendix-VI

(Reference: Paragraph no.-3.6.2 (ii))

Abstract of contract agreement (LKCC-04)

(₹ in crore)

Sl. No.	Description of Sub Heads	BOQ Amount	Quoted rate in per cent below/ above	Quoted Amount	Up-to-date work done	Extra Item	Total Executed cost
1	Schedule A (DSR 2014 items)	22.12	-0.111	19.66	12.82	32.45	45.27
2	Schedule B (NDSR items)	44.93	-0.13	39.10	40.53	1.77	42.30
3	Schedule C -E&M Works	29.80	-0.10	26.79	22.65	1.14	23.79
	Total	96.85		85.55	76.00	35.35	111.36

Appendix-VII

(Reference: Paragraph no.-3.7)

Procurement through obtaining quotations

Contract no.	Particular	New item	Value of work (in ₹)
LKCC-06	Extra Item 3(2)	Acoustic Insulation of ceiling using Mineral Rockwool	4374579.00
	Extra item 3(6)	Providing and fixing of 6 mm thick Lacquered glass on toilet wall	2814722.00
	Extra Item variation EI 1(2)	Providing 13.52 mm thick laminated toughened glass lift canopy	1463616.00
	Extra Item 5(5)	For providing 12 mm thick toughened curved glass railing at Hazratganj station	475238.00
	Extra Item 6(1)	Retro Reflective boards inside tunnel for cross passage marking	145286.00
	Extra Item 6(2)	Providing Radiant Glow Fluorescent paint on tunnel eye and cross passage location inside tunnel	578168.00
	Extra Item 6(5)	Providing and Laying S&S non pressure NP4 RCC pipes 1600 mm diameter	390236.00
	Extra Item 6(8)	Providing and painting Deco PU paint over concrete surface and providing & laying yellow visibility vitrified tile (1200 mm X 100 mm X 12 mm) at Platform level.	1188002.00
	Extra Item 6(9)	Providing and Installation of 12 mm thick toughened glass for AFC barrier and 12 mm thick toughened glass for urinal partition	1030932.00
	Extra Item 6(11)	Providing and Fixing of Dholpur/Agra stone slab flooring in place of original restoration works	6206325.00
	Extra Item 6(4)	Providing and fixing of frosted film on clear glass	107063.00
	Extra Item (I)	Display rack with storage souvenir shelf (as per drawing no UPMRC/SM/INT/D/002/R2) and UPMRC/SM/INT/D/003/R2 dated 03.11.2020	567250.66
	Extra Item (III)	Trophy shelf (as per drawing no. UPMRC/SM/INT/D/004/R1 dated 03.11.2020	687446.82
	Extra Item (IV)	Providing and fixing of glass film 3m as per approved design	175014.00
Total			20203878.48

Contract no.	Particular	New item	Value of work (in ₹)
LKCC-09	Extra Item -2	Providing and fixing tabletop wash basin	219602.00
	Extra Item -3	Providing and fixing Wall hang WC	244470.00
	Extra Item -4	Providing and fixing Canceled Cisten	168390.00
	Extra Item -5	Providing and fixing SS Kitchen Chimney of Kaff make	141518.00
	Extra Item -6	Providing and fixing Stenless steel kithen sink with drain board	64438.00
	Extra Item -8	Boring and instalation of 300mmx150mm dia and 425mtr depth tube well	6540561.00
	Extra Item -9	Painting of external wall with textured paint	12269600.00
	Extra Item -10	Providing and laying in position cement concret 1:4:8	8565128.00
	Extra Item -15	Providing and making of Bed with two bed side table	510000.00

Contract no.	Particular	New item	Value of work (in ₹)
	Extra Item -18	Providing and fixing Toilet Vanity of size 750mm x 550mm	736680.00
	Extra Item -20	Providing and fixing 450mm long SS Tower Bolt	888030.00
	Extra Item -21	Providing and fixing 110x110mmx110mm unplasticised PVC Tee	30588.00
	Extra Item -22	Providing and fixing uPVC Tap 110mm	1496.00
	Extra Item -26	Providing and fixing Armstrong make 10.5 mm thick wooden flooring	924912.00
	Extra Item -27	Extra payment for additional quantity of admixture used in RCC as per design mix	1876800.00
		Total	33182213.00

Appendix-VIII

(Reference: Paragraph no. 5.2.1)

Calculation of Service Tax/GST against rent paid

Date of payment of rent	Rent Amount (in ₹)	Rent period	Service Tax⁵³/GST⁵⁴ (in ₹)
02.11.2015	2175761	February 2015 -September 2015	304606.54
29.06.2016	3046065	October 2015-July 2016	456909.75
10.08.2016	304606	August 2016	45690.90
09.09.2016	304606	September 2016	45690.90
28.09.2016	304606	October 2016	45690.90
28.10.2016	304606	November 2016	45690.90
13.12.2016	304606	December 2016	45690.90
28.12.2016	304606	January 2017	45690.90
27.01.2017	304606	February 2017	45690.90
07.03.2017	304606	March-2017	45690.90
07.04.2017	304606	April 2017	45690.90
05.05.2017	304606	May 2017	45690.90
23.05.2017	304606	June 2017	45690.90
28.06.2017	304606	July 2017	45690.90
11.08.2017	304606	August 2017	54829.08
03.09.2017	304606	September 2017	54829.08
Total	9486310		1419465.00

⁵³ Rate of service tax was 14 per cent vide Service Tax Notification 14/2015 thereafter it becomes 15 per cent according to section 161 of the Finance Act, 2016.

⁵⁴ Rate of GST was 18 per cent vide Notification No. 11/2017 Central Tax (Rate).

Appendix-IX

(Reference: Paragraph no. 5.2.2)

Calculation of electricity duty collected by the Company but not remitted to State Government

Month	Sanction Load(in KW)	Fixed Charges per Kw/Month	Fixed Charges (4)=(2)*(3)	Total KWH	Electricity Charge by the Company @ ₹ 7.30 per unit (6)=(5)*7.30	Electricity duty paid by the Company (7)={(4)+(6)}*7.5/100	Electricity duty collected by the Company from commercial tenants	Electricity Duty collected by the Company but not remitted (9)=(8)-(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Jul-19	388.9	300.0	116670.0	47364.8	345763.0	34682.5	56247.3	21564.8
Aug-19	612.4	300.0	183720.0	63216.4	461479.7	48390.0	89064.4	40674.5
Sep-19	1260.8	300.0	378240.0	75340.9	549988.6	69617.1	127952.1	58335.0
Oct-19	786.4	300.0	235920.0	75974.2	554611.7	59289.9	100014.8	40724.9
Nov-19	852.9	300.0	255870.0	127358.0	929713.4	88918.8	137493.0	48574.3
Dec-19	857.4	300.0	257220.0	133305.0	973126.5	92276.0	141138.1	48862.1
Jan-20	947.4	300.0	284220.0	93722.2	684172.1	72629.4	120516.2	47886.8
Feb-20	972.4	300.0	291720.0	87762.2	640664.1	69928.8	116276.1	46347.2
Mar-20	1010.4	300.0	303120.0	114626.0	836769.8	85491.7	140713.0	55221.3
Apr-20	992.4	300.0	297720.0	17994.7	131361.3	32181.1	96730.4	64549.3
May-20	992.4	300.0	297720.0	28300.7	206595.1	37823.6	107187.0	69363.4
Jun-20	1188.4	300.0	356520.0	66741.5	487213.0	63280.0	129695.9	66416.0
Jul-20	871.0	300.0	261300.0	37835.7	276200.6	40312.5	102994.6	62682.0
Aug-20	834.0	300.0	250200.0	58643.6	428098.3	50872.4	93559.9	42687.6
Sep-20	834.0	300.0	250200.0	78874.3	575782.4	61948.7	104033.0	42084.3
Oct-20	834.0	300.0	250200.0	86843.9	633960.5	66312.0	106189.8	39877.7
Nov-20	834.0	300.0	250200.0	69058.0	504123.4	56574.3	94218.0	37643.7
Dec-20	874.0	300.0	262200.0	7375.0	53837.5	23702.8	98504.0	74801.2
Jan-21	934.0	300.0	280200.0	77013.0	562194.9	63179.6	103083.0	39903.4
Feb-21	944.7	300.0	283410.0	80906.0	590613.8	65551.8	106001.0	40449.2
Mar-21	964.7	300.0	289410.0	105187.0	767865.1	79295.6	122692.0	43396.4
Apr-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May-21	863.2	300.0	258960.0	64247.0	469003.1	54597.2	95917.0	41319.8
Jun-21	863.2	300.0	258960.0	68838.0	502517.4	57110.8	102060.0	44949.2
Jul-21	888.2	300.0	266460.0	926.3	6761.8	20491.6	113876.9	93385.3

Performance Audit on Construction and Operation of Lucknow Metro Rail Project

Month	Sanction Load(in KW)	Fixed Charges per Kw/Month	Fixed Charges (4)=(2)*(3)	Total KWH	Electricity Charge by the Company @ ₹ 7.30 per unit (6)=(5)*7.30	Electricity duty paid by the Company (7)={(4)+(6)}*7.5/100	Electricity duty collected by the Company from commercial tenants	Electricity Duty collected by the Company but not remitted (9)=(8)-(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Aug-21	931.0	300.0	279300.0	122835.0	896695.5	88199.7	134534.0	46334.3
Sep-21	927.3	300.0	278190.0	132326.0	965979.8	93312.7	140590.9	47278.2
Oct-21	1012.2	300.0	303660.0	132010.0	963673.0	95050.0	134891.8	39841.8
Nov-21	1008.0	300.0	302400.0	106814.0	779742.2	81160.7	126211.0	45050.3
Dec-21	994.0	300.0	298200.0	103449.0	755177.7	79003.3	123413.0	44409.7
Jan-22	1046.2	300.0	313860.0	95163.0	694689.9	75641.2	120557.5	44916.2
Feb-22	989.2	300.0	296760.0	96003.0	700821.9	74818.6	118149.5	43330.9
Mar-22	996.2	300.0	298860.0	143418.0	1046951.4	100935.9	148545.5	47609.7
Apr-22	1012.2	300.0	303660.0	175706.0	1282653.8	118973.5	170318.4	51344.9
May-22	1179.2	300.0	353760.0	235558.0	1719573.4	155500.0	215141.6	59641.6
Jun-22	1211.2	300.0	363360.0	242147.0	1767673.1	159827.5	220479.9	60652.4
Jul-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	32707.90			3252883.40	23746048.60		4258990.50	1742109.10

Appendix-X

(Reference: Paragraph no. -5.3.1)

Position of revenue realised from commercial and parking spaces

Name of Tender	Month of NIT	Area Available (in sq. ft.)	Area added/ removed in previous vacant area (in sq. ft.)	Total area available for new tender (in sq. ft.)	Minimum Reserve Price (₹ in lakh)	Area for which tender invited (in sq. ft.)	Agreement executed for the area (in sq. ft.)	Minimum reserve price of agreement area (₹ in lakh)	Agreement amount (H-1) (₹ in lakh)	Vacant area (in sq. ft.)	Minimum reserve price per month (₹ in lakh)	Total vacant months	Total revenue foregone (₹ in lakh)
J	2	3	4	5	6	7	8	9	10	11	12	13	14
LKPD-01	Jan 2016	53174.16	0	53174.16	39.88	53174.16	0	0.00	0.00	53174.16	39.88	13	518.45
PD Area concourse	Jan 2018	53174.16	0	53174.16	39.88	2493.00	1285.00	2.65	4.35	51889.16	37.23	12	446.76
LKPD-02	Jan 2019	51889.16	0	51889.16	37.23	23539.00	5483.00	7.13	7.65	46406.16	30.10	3	90.30
LKPD 3 to 05	April 2019	46406.16	52453.84	98860.00	82.45	98860.00	12916.00	13.17	29.47	85944.00	69.28	10	692.80
LKPD-6	Feb 2020	85944.00	-539.00	85405.00	70.99	85405.00	18648.00	12.90	14.99	66756.00	58.08	15	871.20
LKPD-07	June 2021	66756.00	9824.00	76580.00	53.67	76580.00	13632.00	9.72	10.92	62948.00	43.95	21	922.95
LKPD-11	LAO Jan. 2024	62948.00	0.00	62948.00	43.95	Not given	6473.00	6.94	7.42	56475.00	37.01	9	333.09
LKPD-13	LAO Feb. 2025	56475.00	0	56475.00	37.01	Not given	2278.00	4.00	5.17	54197.00	33.01	13	429.16
Total												4304.71	

Abbreviations

List of Abbreviations

Abbreviation	Full Form
AAR	Alternative Analysis Report
BCC	Backup Control Centre
BoD	Board of Directors
BoQ	Bill of Quantity
CA	Chartered Accountant
CBTCS	Communication Based Train Control System
CE	Chief Engineer
CCS	Chaudhary Charan Singh
CISF	Central Industrial Security Force
CPWD	Central Public Works Department
CVC	Central Vigilance Commission
CGWA	Central Ground Water Authority
dB	Decibel
DMRCL	Delhi Metro Rail Corporation Ltd.
DPR	Detailed Project Report
DSR	Delhi Schedule of Rate
EC	Environment Clearance
EIB	European Investment Bank
EW	East West Corridor
FIRR	Financial Internal Rate of Return
GCC	General Conditions of Contracts
GeM	Government e Market
GO	Government Order
GoI	Government of India
GoUP	Government of Uttar Pradesh
GST	Goods & Services Tax
GWD	Ground Water Department
GFRs	General Financial Rules
HUPD	Housing and Urban Planning Department
IB	Intelligence Bureau
IDC	Interest During Construction
IIT Kanpur	Indian Institute of Technology, Kanpur
ISC	Interim Speed Certificate
LMRCL	Lucknow Metro Rail Corporation Limited
LD	Liquidated Damage
MD	Managing Director
MoHUA	Ministry of Housing and Urban Affairs
MoUD	Ministry of Urban Development
MoU	Memorandum of Understanding
MRTS	Mass Rapid Transit System
NIT	Notice Inviting Tender
NGT	National Green Tribunal
NS	North South Corridor
OCC	Operation and Control Centre
PD	Property Development
PSTM	Procedure for Safety Certification and Technical Clearance of Metro System

Abbreviation	Full Form
RDSO	Research and Design Standard Organisation
RFP	Request for Proposals
ROD	Revenue Operations Date
SCC	Special Conditions of Contracts
SoP	Schedule of Powers
SPV	Special Purpose Vehicle
TS	Technical Sanction
UPPCL	Uttar Pradesh Power Corporation Ltd.
UPRC	Uttar Pradesh Regulatory Commission
USD	United States Dollar
VAPT	Vulnerability Assessment and Penetration Testing

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