

Annexes



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Annexe to Chapter 1

Annexe 1.1

LIST OF COMPETITION VENUES

Sl. No.	Discipline	Venue
1.	Aquatics	S.P. Mukherjee Swimming Pool
2.	Archery	Yamuna Sports Complex
3.	Athletics	J.N. sports Complex
4.	Badminton	Siri Fort Sports Complex
5.	Boxing	Talkatora Indoor Stadium
6.	Cycling	Velodrome, I.G. Sports Complex
7.	Gymnastics	I.G. Indoor Stadium
8.	Hockey	MDC National Stadium
9.	Lawn Bowls	J.N. Sports Complex
10.	Netball	Thyagaraj Sports Complex
11.	Rugby	Delhi University
12.	Shooting	Dr. Karni Singh Shooting Range
13.		CRPF Centre, Kadarapur - Big Bore Shooting
14.	Squash	Siri Fort Sports Complex
15.	Table Tennis	Yamuna Sports Complex
16.	Tennis	R.K. Khanna Tennis Complex
17.	Weightlifting	J.N. Sports Complex
18.	Wrestling	I.G. Sports Complex

LIST OF TRAINING / PRACTICE VENUES

Sl. No.	Discipline	Training Venue
1.	Aquatics	Siri Fort Sports Complex
2.		Yamuna Sports Complex
3.		Games Village (Practice Area)
4.	Athletics	Thyagraj Sports Complex
5.		Chhatarsal Stadium
6.		Games Village (Practice Area)
7.		DU – Polo Ground
8.	Archery	Yamuna Sports Complex
9.	Badminton	Siri Fort Sports Complex
10.		Saket Sports Complex
11.	Boxing	Delhi University
12.	Cycling	Velodrome, IG Indoor Stadium
13.	Gymnastics	I.G Indoor Stadium
14.		Yamuna Sports Complex (Rhythmic)
15.	Hockey	MDC National Stadium Complex

16.		Yamuna Sports Complex
17.	Lawn Bowls	Delhi Public School, R. K. Puram
18.		Yamuna Sports Complex
19.	Net Ball	Thyagraj Sports Complex
20.		Delhi University
21.		St. Stephen's College
22.		Hindu College
23.		Khalsa College
24.	Rugby 7s	Ramjas College
25.		Kirorimal College
26.		Sri Ram College
27.		Daulatram College
28.		Jamia Millia Islamia University
29.	Shooting	Dr. Karni Singh Shooting Range
30.	Squash	Siri Fort Sports Complex
31.	Table Tennis	Yamuna Sports Complex
32.		Jamia Millia Islamia University
33.	Tennis	R. K. Khanna Stadium
34.		Siri Fort Sports Complex
35.	Weight Lifting	Games Village (Practice Area)
36.	Wrestling	Games Village (Practice Area)
37.		Sri Ram College Hall (Women)
38.		Ludlow Castle Hall (Men)

Annexe to Chapter 2

Annexe 2.1 - Executive Summary of CAG's Study Report on 'Preparedness for XIX Commonwealth Games 2010'

The XIX Commonwealth Games are scheduled to be held in October 2010 at Delhi. The Games are being organised with the objectives of delivering the best Commonwealth Games ever, building state of the art sporting and city infrastructure, showcasing the culture and heritage of India, and projecting India as an economic power and Delhi as a global destination.

We conducted a performance audit of 'Preparedness for XIX Commonwealth Games 2010' to gain an understanding of the progress of various projects and preparedness of different agencies for organizing the Games, and to identify significant risks that needed to be addressed. We intend this report to provide an aid to the Government and the organizers in monitoring progress and in making mid-course corrections. We hope that the report, which has been prepared by independent auditors who have an arm's length approach from any of the implementing agencies, will serve as a checklist and a ready reckoner to benchmark further progress towards preparing the infrastructure and in staging the Games.

Towards the close of our audit engagement, we were happy to witness renewed vigour and redoubled efforts by the agencies. At the same time, the audit also helped us identify major challenges facing the organizers. Much time has been lost and it is imperative to move forward with the

new-found sense of urgency tempered by the realization that crashing of timelines and bunching of decisions carry with it the potential of heightened risk of compromising transparency, accountability and safety. Slackness in addressing these challenges may create major embarrassments for the country not being able to deliver the objectives as stated above.

The salient challenges are mentioned below:

- While the Ministry of Youth Affairs and Sports (MYAS) is the nodal ministry of GOI for the Games Project, a large number of organizations and agencies are involved in different facets of planning and implementation. There is an immediate need to qualitatively improve the co-ordination and synchronization of activities among different agencies. The scope for further delays and slippages in milestones no longer exists, given the immovable deadline of October 2010. In the light of the lessons learnt, MYAS should take up the undisputed leadership and ownership of the entire Games project and assume a proactive role.
- While we recognise the dynamic and ever-evolving nature of specifications for such a complex project, freezing all specifications (howsoever minor) in all respects for all projects and works should no longer be delayed.

- We are happy to take note of faster pace of the activities relating to the development of games venues. However, the SPM Aquatics Complex continues to be graded 'high risk' in our risk assessment index. In our opinion, even the latest deadline of February/ March 2010 for the Aquatics Complex would be challenging, considering the poor progress of work till date. Thirteen other venues are at medium risk. Attention should be focused on these venues.
- The Games Village Project, which will provide accommodation to the athletes, has run into several hurdles – notably the financial difficulties faced by the private partner in completing and delivering the residential complex, noise minimization measures, and the unresolved issue of access roads from the NOIDA link road. The DDA has attempted to address the issues of the private partner through a "bail-out" package in May 2009. The Village Project requires close monitoring and oversight to ensure successful and timely completion.
- Civic infrastructure projects are essentially intended to facilitate movement of the Games family as well as spectators across venues. Out of 20 critical bridge and flyover projects, we have assessed 9 projects as high risk and 2 projects as medium risk, on account of slow progress. Failure to address these risks in time would lead to traffic overload on roads being managed through sub-optimal solutions e.g. reduction/ diversion/ restriction of non-Games traffic, with possible inconvenience to the general public. The position is compounded by the delinking of three projects from the 20 bridges assessed as critical for the Games project.
- Considerable work remains to be done in key areas of outsourcing arrangements for HDTV production and broadcasting, and construction of the International Broadcasting Centre; pre-Games HDTV programming; finalizing of the domestic broadcasting rights agreements, as well as rights for Pay TV, DTH, mobile and Internet; and finalization of rate cards for Right Holding Broadcasters.
- The Games project is envisaged as a revenue neutral project. The Governmental funding for the OC is in the form of loans, to be repaid through suitable revenue generation. The OC is confident of the Games being revenue neutral. However, given the state of documentation supporting revenue generation estimates and the fact that a majority of the sponsorship revenue is expected in the form of "value-in-kind", we could not obtain assurance that the Games would, in fact, be revenue neutral.
- Work also needs to be done by the OC and the venue owners on planning for legacy utilization of the sporting infrastructure being created, and necessary funding for operation and maintenance.

Annexe to Chapter 3

Annexe – 3.1 Details of audit process and methodology

Agency	No. of half margins/audit memos issued	Date of issue of SOF	Date of Exit meeting
Government of India			
Ministry of Youth Affairs and Sports	13	9 February 2011	28 January 2011
Ministry of Home Affairs/ECIL	9	15 February 2011	With MHA – 15 February 2011 With ECIL – 9 February 2011
Central Public Works Department	147	10-15 February 2011	2 February 2011
Government of National Capital Territory of Delhi			
Public Works Department	185	28 January 2011	1 February 2011 (AN) 2 February 2011 (FN)
Department of Health and Family Welfare	22	28 January 2011	1 February 2011
GB Pant Hospital	5	28 January 2011	1 February 2011
Hedgewar Hospital	1	28 January 2011	1 February 2011
Lok Nayak Hospital	3	28 January 2011	1 February 2011
Ram Manohar Lohia Hospital	4	28 January 2011	1 February 2011
GTB Hospital	7	28 January 2011	1 February 2011
Safdarjung Hospital	1	28 January 2011	1 February 2011
Department of Information Technology	27	8 February 2011	11 February 2011
Department of Forest and Wildlife	1		
Delhi Jal Board	15	20 January 2011	24 January 2011
Delhi Transport and Tourism Development Corporation	9	1 February 2011	3 February 2011
Delhi Transco Ltd.	14	21 January 2011	20 January 2011
Delhi Transport Corporation	20	24 January 2011	28 January 2011
Others			
Organising Committee	68	27 January 2011	31 January 2011
Prasar Bharati	24	10 February 2011	18 January 2011
Sports Authority of India	57	17 February 2011	21 January 2011
MTNL	9	15 February 2011	-
ITDC	21	-	30 December 2011
Delhi Development Authority	219	27 January 2011	2 February 2011
Municipal Corporation of	2	24 January 2011	28 January 2011

Agency	No. of half margins/audit memos issued	Date of issue of SOF	Date of Exit meeting
Delhi			
New Delhi Municipal Corporation	12	15 February 2011	17 February 2011
Delhi Parks and Gardens Society	2		
Delhi University	6	28 January 2011	19 January 2011
Jamia Millia Islamia University	1	25 January 2011	Auditee did not schedule the meeting despite reminder.
Government of Maharashtra			
Director of Sports & Youth Services Balewadi, Pune	76	1 February 2011	23 February 2011
Principal Secretary, Department of School Education and Sports	01		
Commissioner of Police, Pune	18		
Pimpri Chinchwad Municipal Corporation	19		
Pune Municipal Corporation	32		

Annexe to Chapter 4

Annexe-4.1 - Reduction in the percentage of planned work through revision of timelines

Sl. No	Name of the agency – venue- sports discipline	Planned work before revising the timeline		Planned work after revision of timeline	
		Month	percentage	Month	percentage
Competition Venues					
1	AITA-RK Khanna-Tennis	1 Dec,09	84.97	30 Dec,09	80.35
2	CPWD-IG-Cycling	Feb,09	56.06	Mar,09	34.80
		Sep,09	70.23	Nov,09	63.97
3	CPWD-IG-Gymnastics	Jun,09	66.34	Jul,09	52.89
4	CPWD-IG-Wrestling	Oct,08	39.48	Nov,08	11.37
		Sep,09	93.68	Nov,09	75.25
5	CPWD-JNS-Athletics	Mar,10	98.28	Aprl,10	95.79
6	CPWD-JNS-Weightlifting	May,09	74.94	Jun,09	63.62
		Sep,09	92.64	Nov,09	70.48
		Mar,10	100.00	Aprl,10	96.21
7	CPWD-KSSR-Shooting	Oct,08	29.71	Nov,08	1.00
		Sep,09	92.58	Nov,09	86.60
8	CPWD-MDC-Hockey	May,09	90.05	Jun,09	77.52
		Sep,09	94.35	Nov,09	89.30
9	CPWD-SPM-Aquatics	May,09	92.50	Jun,09	45.68
		Mar,10	98.71	Aprl,10	95.83
10	DDA-Siri Fort-Badminton & Squash	Aprl,09	62.36	May,09	46.12
		Sep,09	79.03	Nov,09	62.92
		Feb,10	95.61	Mar,10	88.86
11	DDA-Yamuna-Archery	Aprl,09	44.03	May,09	6.24
		Nov,09	64.03	Dec,09	51.23
		Feb,10	100.00	Mar,10	94.56
12	DDA-Yamuna-TableTennis	Aprl,09	64.36	May,09	46.69
		Sep,09	77.82	Nov,09	61.14
		Feb,10	95.19	Mar,10	85.43
13	GNCTD-Thyagaraj-Netball	1 Dec,09	100.00	30 Dec,09	90.93
14	NDMC-Talkatora-Boxing	Nov,08	70.66	Dec,08	55.49
Training Venues					
1	AITA-RKKhanna TRG-Tennis	1 Dec,09	84.97	30 Dec,09	80.35
2	CPWD-MDC TRG-Hockey	Oct,08	53.14	Nov,08	46.97
		May,09	90.05	Jun,09	77.52
		Sep,09	94.35	Nov,09	89.30
3	DDA-GameVillage TRG-Athletics	Sep,09	84.43	Nov,09	31.27
		Feb,10	86.14	March,10	75.13
4	DDA-GameVillage TRG-Swimming	Sep,09	57.99	Nov,09	23.30
5	DDA-Saket-TRG-Badminton	Aprl,09	44.03	May,09	3.12
		Sep,09	57.41	Nov,09	16.83
		Feb,10	83.47	March,10	71.57
6	DDA-Siri Fort-TRG-Badminton	Aprl,09	44.03	May,09	3.13
		Sep,09	29.75	Nov,09	15.54
		Feb,10	89.06	March,10	77.49
7	DDA-Siri Fort-TRG-Squash	Aprl,09	44.03	May,09	2.88
		Sep,09	52.61	Nov,09	10.23
		Feb,10	85.87	March,10	72.23
8	DDA-Siri Fort-TRG-Swimming	Aprl,09	40.89	May,09	4.32
		Sep,09	27.00	Nov,09	10.95
		Feb,10	86.72	March,10	69.84

Sl. No	Name of the agency – venue-sports discipline	Planned work before revising the timeline		Planned work after revision of timeline	
		Month	percentage	Month	percentage
9	DDA-Siri Fort-TRG-Tennis	Aprl,09	44.26	May,09	3.81
		Sep,09	30.83	Nov,09	21.12
		Feb,10	90.64	Mar,10	73.65
10	DDA-Yamuna TRG-Gymnastics	Aprl,09	39.85	May,09	9.20
		Sep,09	81.25	Nov,09	48.61
		Feb,10	87.18	Mar,10	69.12
11	DDA-Yamuna TRG-Hockey	Sep,09	76.14	Nov,09	10.37
		Feb,10	76.33	Mar,10	69.44
12	DDA-Yamuna TRG-Lawn Bowls	Aprl,09	44.03	May,09	8.64
		Sep,09	76.14	Nov,09	20.39
		Feb,10	82.18	Mar,10	77.67
13	DDA-Yamuna TRG-Swimming	Aprl,09	40.89	May,09	11.58
		Sep,09	49.81	Nov,09	38.45
		Feb,10	89.91	Mar,10	71.01
14	DDA-Yamuna TRG-Archery	Aprl,09	44.26	May,09	8.64
		Sep,09	53.30	Nov,09	47.04
15	DU-Polo Ground TRG-Athletics	Jun,09	75.19	Jul,09	62.88
		Mar,10	99.22	Aprl,10	59.75
16	DU-SRCC TRG-Wrestling(W)	Jan,09	18.87	Feb,09	7.83
		Mar,10	96.09	Aprl,10	82.52
17	GNCTD-Chhatrasal TRG-Athletics	Aprl,09	89.07	May,09	20.92
18	GNCTD-Ludlow Castle TRG-Wrestling(M)	Aprl,09	75.96	May,09	9.19
		1 Dec,09	100.00	30 Dec,09	89.54
19	GNCTD-ThyagarajTRG-Athletics	1 Dec,09	100.00	30 Dec,09	90.98
20	JMI-Rugby7sTRG	Jan,10	100.00	Feb,10	88.52
21	JMI-Table Tennis TRG	May09	39.23	Jun,09	26.12
		Jan,10	100.00	Feb,10	88.52
22	NDMC-Shivaji TRG-Hockey	Mar,10	100.00	Aprl,10	85.58

Annexes to Chapter 6

Annexe 6.1 - Category List of projects approved from Ministry of Finance ,D/o Expenditure

(Rs. in crore)						
Sl. No.	Name of the Project/ Proposal	Type of grant/loan	Date of initial proposal	Amount proposed	Date of final approval	Amount approved
Ministry of Youth Affairs and Sports						
1.	Development & Up-gradation/ renovation of SAI stadia for CWG	Plan Grant	28.08.2006	1300.00	15.03.2007	1000.00
			23.01.2009	2497.00	08.05.2009	2460.00
2.	Operational Budget of Organisation Committee of CWG-2010	Approved as Non-plan Loan	30.11.2005	896.04	15.03.2007	767.00
			16.06.2009	1857.89	05.11.2009	1620.00
3.	Budget of OC for overlays of CWG-2010	Plan Grant	28.07.2009	400.00	19.03.2010	687.00
4.	Scheme for preparation of Indian team for CWG-2010	Plan Grant	12.02.2008	802.00	10.06.2009	678.00
5.	Development and up-gradation/renovation of competition training venues of DU, JMI and DPS, RK Puram, New Delhi.	Plan Grant	19.12.2007	258.29	27.03.2008	257.41
			11.02.2009-JMI	304.41	08.10.2009	350.71
			23.02.2009-DU	41.57		
6.	Budget of MTNL as telecom service provider for CWG-2010	Plan Grant	21.10.2009	182.00	10.02.2010	182.00
7.	Procurement of (i) Timing scoring & result system (TSR) (ii) Sports equipments for various competition venues of CWG-2010	Plan Grant	24.09.2009	87.25	18.11.2009	87.25
8.	Development & Up-gradation Training Venues of Lawn Tennis	Plan Grant	02.11.2006	30.00	22.09.2009	65.65
9.	Electronic target securing system & other related equipment at Dr. Karni Singh Shooting Range.	Plan Grant	14.07.2009	30.15	23.08.2009	30.15
10.	Construction of full bore shooting range of CRPF Group centre, Kadarapur, Gurgaon.	Plan Grant	07.05.2008	20.20	01.08.2008	15.00
			27.05.2009	30.36	08.10.2009	28.50
11.	Procurement of fitness	Plan Grant	23.03.2010	14.45	Not processed in MOF.	

Sl. No.	Name of the Project/ Proposal	Type of grant/loan	Date of initial proposal	Amount proposed	Date of final approval	Amount approved
	equipment for various sports infrastructure projects of SAI for CWG-2010				Approved by the concerned Ministry	
Ministry of Urban Development						
12.	Construction of game village & sports venues by DDA	Plan Grant	12.07.2006	474.70	15.10.2009	827.85
Ministry of Information and Broadcasting						
13.	Host Broadcasting International Broadcasting Centre & Main press Centre	Plan Loan + grant	18.12.2007	542.00	03.10.2008	463.00
			16.11.2009	482.57	14.12.2009	473.52
Ministry of Home Affairs						
14.	Integrated security system for installation of CCTVs & access control equipments at all training venues of CWG-2010	Plan Grant	09.09.2009	374.82	04.02.2010	375.00
15.	Development of Traffic communication network in NCR & Mega cities.	Plan Grant	29.12.2008	200.00	13.08.2009	200.00
Ministry of Health and Family Welfare						
16.	National Programme for prevention of Burn Injuries at Safdarjung Hospital, New Delhi.	Plan Grant	09.04.2010	29.20	Not processed in MOF. Approved by the concerned Ministry	
17.	Sports Injury Centre, Safdarjung Hospital, New Delhi	Plan Grant	25.06.2008	70.72	14.07.2008	70.72

Annexe 6.2 – Category-wise profile of approvals/ sanctions by GNCTD

Category/ Activity	Amount (in Rs. Crore)
Flyovers, Roads & Bridges	3,670
Power Projects	1,100
DTC Augmentation	1,071
Stadiums	747
CP Restoration	615
Bus Parking	458
StreetScaping	455
Road Improvement	394
Street Lighting	347
RUB/ROB	216
IGIA Terminal 3	206
Signages	94
Construction of Depots	82
Water Supply	63
Health	46
Communication & IT	28
Greening of Venues	28
Cultural Events	28
Bus Q Shelter	20
Fire Station	3
Grand Total	9,672*

**This includes funding from Gol – (a) components of JNNURM: Rs. 761 crore and (b) Additional Central Assistance for CWG-related projects: Rs 2800 Crore.*

Annexes to Chapter 7

Annexe -7.1

Approval obtained in Indian currency but payment in foreign currency					
Sl. No.	Functional Area	Name of Contract	Approval amount (Rs. in crore)	Payment amount	Remarks
1	Technology	Games Management Service	21.02	USD 4,797,669	
2	Technology	Timing, Scoring & Results	112.45	CHF 24,990,000	
3	Press Operation	Games News Service	9.06	USD 20.60 million	Excess payment of Rs.58 lakh
4	Catering	Caterer for Games Village (Mgt Fees)	7.35	AUD 1.79 million	Excess payment of Rs.49 lakh

Annexe 7.2

Outstanding Advances as on 25 February 2011

S No	Name to whom advance given	(Amount in Rs)	(Functional Area Total, in Rs.)
	Accommodation Key Personnel		
1.	<i>IN Sailor Institute Sagar</i>	28,000	
2.	<i>La passage to India Tours & Travels .P Ltd</i>	7,91,424	8,19,424
	Accommodation		
3.	<i>Hotel RAZA Motels & Hotels India P Ltd</i>	81,000	
4.	<i>Hotel Apeejay Surrendra Park</i>	90,300	
5.	<i>Hotel Corporation of India Ltd</i>	96,852	
6.	<i>Hotel Country Inn & Suites, Sahibabad</i>	1,73,250	
7.	<i>Hotel Radisson, Delhi</i>	3,69,797	
8.	<i>ITDC Unit Hotel Janpath</i>	5,80,557	
9.	<i>New Delhi YMCA Tourist Hostel</i>	8,07,751	
10.	<i>Hotel Claridges Hotels Pvt Ltd</i>	29,16,867	
11.	<i>Hotel Radisson Marina</i>	31,50,000	
12.	<i>Hotel-The Oberoi, New Delhi</i>	42,64,922	
13.	<i>ITDC Ltd. Unit Ashok Hotel</i>	1,00,49,752	
14.	<i>Hotel-The Indian Hotels Co. Ltd</i>	1,19,68,212	
15.	<i>Hotel Queen Road Pvt Ltd</i>	1,82,01,036	
16.	<i>ITDC</i>	2,00,00,000	
17.	<i>The Lalit</i>	7,38,01,720	14,65,52,016
	Catering		
18.	<i>Ms. Sharayu Almelkar, PO-Catering</i>	20,000	
19.	<i>Taste Buds</i>	20,68,707	
20.	<i>Delhi Tourism & Tran. Development Corp. Ltd</i>	58,50,000	
21.	<i>AFP Manufacturing Co. Pvt Lt</i>	2,62,50,000	
22.	<i>Delaware North Companies, (Australia)</i>	44,14,31,256	47,56,19,963
	Ceremonies		
23.	<i>Nandakumar R S</i>	40,851	
24.	<i>Awesome Brand Product)</i>	1,25,000	
25.	<i>Prachi Sharma- Ceremonies</i>	1,49,740	
26.	<i>Ms. Priyanka Bhatia, APO (Ceremony)</i>	1,85,625	
27.	<i>Ms. Purnima Pendse, DDG</i>	2,23,876	
28.	<i>Surya Recreational Travels Pvt Ltd</i>	5,52,104	
29.	<i>Delhi Metro Rail Corporation-DMRC</i>	10,00,000	
30.	<i>Delhi Transport Corporation-DTC</i>	1,80,00,000	2,02,77,196
	Communication, Image & Look		

31.	Ms. Shruti Tekriwal(APO Publicity)	26,000	
32.	Priya Paul Singh,ADG-Comm.	50,000	
33.	Spring Box Films Pvt Ltd	13,80,000	14,56,000
	Finance & Accounts		
34.	Prasant Rath-PO & Cashier	43,980	43,980
	Games Vill. Dev. & Op.		
35.	Adarsh Junega-Games Village	40,000	
36.	A.S & Company	2,02,725	
37.	Diamond Fabcare Pvt Ltd-Mobilization	3,87,432	6,30,157
	Logistics		
38.	Varun Mahajan,APO-Logistics Imprest Adv	20,000	
39.	India Trade Promotion Organisation-ITPO	2,28,777	
40.	Executive Engineer Vigyan Bhawan CPWD	11,41,500	13,90,277
	Medical & Doping Control		
41.	Dr. Munish Chander Dir Dope Control	52,829	
42.	Ms.Jyoti Mittal, PO-Doping Control	52,829	1,05,658
	Office Admn.		
43.	Gp.Capt.N.L.Khan-Director Admn	10,000	
44.	Raj Singh, Director-CS	33,600	
45.	Amar Singh, Dir.Admin	42,508	
46.	Directorate of Audio Visual Publicity - DAVP	65,116	
47.	Alisha Travels Pvt Ltd.	6,00,000	7,51,224
	Overlays		
48.	TIM Delhi Airport Advt Pvt Ltd	24,05,720	24,05,720
	Press Operations		
49.	Manish Kumar, Director-Press Operation	1,65,000	1,65,000
	Protocol & CGF Rel.		
50.	B.B.Kaura	69,100	
51.	Md Aslam Khan	4,64,400	
52.	Balmer Lawrie & Co. Ltd.	4,09,64,120	
53.	Air Travel Grant	10,56,21,055	14,71,18,675
	QBR		
54.	Young Friends & Co.	15,680	
55.	Dr. Kaarthikeyan(Member Sub Committee)	23,761	
56.	Ms.Sangeeta Welinker, JDG	23,875	
57.	Tapasu Ming Leung Wai	27,197	
58.	Kemp & Co. Ltd	30,048	
59.	Ms. Avny Lavasa, APO-YBR	30,841	
60.	Event Travel Office	56,936	
61.	Capt Chetan Chauhan, PO-QBR	1,00,935	

62.	Ms. Louis Rosa-QBR	1,47,415	
63.	Ashish Maitra, QBR	1,49,890	
64.	Akhilendra Pratap Singh, APO-QBR	2,00,620	
65.	Vijay Ingale	2,97,069	
66.	Director,N.Zone,Cultural Centre	5,50,000	
67.	Ankit Rampal, APO-QBR	5,78,583	
68.	Lt.Col.K.S.Banshtu, Director	8,14,287	
69.	Shivansh Bhatnagar, Admn.Asst.	10,28,581	
70.	Ms.Subie Issac	13,33,296	
71.	Ms. Priyanka Negi, AA-QBR	15,46,512	
72.	M.Jeychandren, Addl DG	50,49,652	
73.	Sanjay Mohindroo, DDG	67,58,578	
74.	AM Car & Van Hire.	1,05,34,374	
75.	AM Films UK Ltd.	1,11,98,746	4,04,96,877
	Security		
76.	Shamsher Singh, DDG-Security	22,000	
77.	DG NCC Camp Fund	1,95,360	2,17,360
	Sports		
78.	Athletic Federation of India	6,828	
79.	Visa Fees	22,800	
80.	Bowling Federation of India	52,705	
81.	S.R.Singh, Mgr.Sports Operation-Boxing	73,948	
82.	Cuddikotta Valson, Competition Manager	1,07,600	
83.	Bharat Refrigeration Works	1,46,000	
84.	Manpreet Kandhari, Comp Manager-Tennis	1,75,000	
85.	Gehmann Gmb H +Co. K.G.-Germany	1,87,762	
86.	V.N Singh,Manager-Sports Operations	1,93,369	
87.	Fiocchi Munizioni S.P.A.Italy	2,48,326	
88.	Netball Federation of India	3,00,000	
89.	Heritage Sporting Prdts.Pty Ltd., Australia	3,47,387	
90.	Crescent Comms Ltd.UK	4,62,582	
91.	Nammo Lapua Oy	4,68,952	
92.	UCS,USA	4,88,984	
93.	Ruag Ammotec GmbH,Germany	5,36,624	
94.	Lapua GmbH-Germany	5,43,880	
95.	Eley Ltd.,UK	5,43,881	
96.	KOPOJIS	5,85,000	
97.	RC Eximport S.R.L-Italy	7,84,066	
98.	S.P.Pillai, Director	8,65,515	
99.	Agentur"M" Sports-Germany	9,76,619	

100.	Free Church-Sansad Marg	11,11,111	
101.	Indian Rugby Football Union	13,20,514	
102.	Archery Association of India	15,00,000	
103.	Badminton Association of India	15,90,000	
104.	Indian Boxing Federation	20,00,000	
105.	Gymnastic Federation of India	20,63,683	
106.	National Rifle Association of India	25,42,776	2,02,45,912
	Technology		
107.	Razaullah Khan, PO	4,400	
108.	G.Rajaraman, Consultant-Web	5,000	
109.	Aksh Optifibre Limited	12,000	
110.	S C Naik, PO	24,800	
111.	Bharti Airtel Ltd.	4,13,906	
112.	National Informatics Centre Ser. Inc - NICSI	4,94,343	
113.	MTNL	10,01,768	
114.	Telecommunication Consultants India Ltd.	18,39,137	
115.	Hungama Digital Entertainment P Ltd-Mobil	29,50,000	
116.	TCIL-Cable TV Service	31,38,134	
117.	TCIL-Data Cabinet	34,05,551	
118.	MTNL(Test Event at Various Venues)	60,00,000	
119.	Radius Infratel Pvt Ltd-Mobilization	87,66,933	
120.	TCIL-Cabling System	1,18,79,496	
121.	TCIL-Office Automation	1,48,72,424	
122.	TCIL-Network Equipment	5,78,98,180	11,27,06,072
	Venue Dev. & Operations		
123.	Pushpinder Dillon-Badminton	587	
124.	G S Mander, Venue Administrator-IGW	928	
125.	Dr. Clement Rajkumar, Vice Principal	10,000	
126.	Dr. Mustaq Ali, Prof-Uni Polytecnic	10,000	
127.	Jai Inderpal Singh, Prof-Hindu College	10,000	
128.	Munesh Chakravorty, Prof-Ramjas College	10,000	
129.	Noor Mohammad, Dir-Phy Edu	10,000	
130.	N Suresh, DPS	10,000	
131.	Parveen Kaur Sahni, Prof-Khalsa College	10,000	
132.	Surinder Singh, Coach-DU	10,000	
133.	Dr. Kuljeet Kaur, Prof-Shri Ram College	20,000	
134.	Narendra Batra, Venue Administrator-NSH	25,000	
135.	Krishnapoojan Sharma-Siri Fort	40,000	
136.	D C Dey, Venue Administrator-Flats-VK	73,800	
137.	Ashok Gangopadya-Sansad Marg	75,000	

138.	M C Mahapatra, Venue Administrators-IGC	75,000	
139.	Zafar Iqbal, Venue Administrator-NSH	75,000	
140.	G S Shekhawat, Venue Administrator-IGC	79,064	
141.	AVM Ajit Singh, Venue Administrator-JNC	99,950	
142.	Ajeet Shekhawat, Venue Administrator-JNB	1,00,000	
143.	DK Sharma, Venue Administrator-JNW	1,00,000	
144.	Harish Kumar, Venue Administrator-SFB	1,00,000	
145.	Khazan Singh, Venue Administrator-SMA	1,00,000	
146.	Maj Gen U Bhattacharya, Venue Admin-ITPO	1,00,000	
147.	Maj OP Bhatia, Venue Administrator-THN	1,00,000	
148.	Manmeet Singh, Venue Administrator-KSS	1,00,000	
149.	M S Rawat, Venue Administrator-KFB	1,00,000	
150.	M S Upadhyay, Venue Administrator-TSB	1,00,000	
151.	Qamar Ahmed, Venue Administrator-JNA	1,00,000	
152.	S N Jha, Venue Administrator-NEC	1,00,000	
153.	S P Gupta, Venue Administrator-YCT	1,00,000	
154.	Sudershan Pathak, Venue Administrator-DUR	1,00,000	
155.	Umesh Kumar Katna, Venue Administrator-IGG	1,00,000	
156.	V K Batra, Venue Administrator-RKT	1,00,000	
157.	KDS Dullat, Venue Administrator-SFS	1,00,000	
158.	Brig N B Singh, Venue Administrator, YCA	1,98,000	
159.	Mathew Todd Jankowski, Director	13,29,171	37,71,500
	Workforce		
160.	Col.Dhanraj, Archery-Yamuna Sports Complex	10,000	
161.	Imprest with Amar Singh, Director Admn	10,000	
162.	Ms Payal-Training Wing	10,800	
163.	Ms.Uma Badve, Director-Volunteer Prog	14,852	
164.	Brig.UK Dhar, DDG-Volunteers Prog	99,724	
165.	Rent	2,92,700	
166.	Captain Baldev Singh	3,00,000	
167.	Nikita Saigal-Workforce	24,27,600	
168.	Reebok India Ltd	3,60,42,480	3,92,08,156
	Grand Total	1,01,39,81,166	1,01,39,81,166

Annexe- 7.3**Deficiencies in Contract Management****A. Contracts awarded on nomination basis**

Sl. No.	Functional Area	Contract and Vendor	Contract amount (in Rs. crore)
1.	QBR	QBR Launch Ceremony (AM Films)	1.17
2.	QBR	QBR Launch Ceremony (AM Car & Van Hire Ltd.)	1.90
3.	Catering	Kitchen Equipment (PKL London)	8.63
4.	Catering	Venue Caterers (19 Nos.)	13.00
5.	Ceremony	Ground Leveling (Hortus Consultants)	0.48
6.	Catering	Caterer at airport (Global Gourmet)	0.33
7.	Catering	Caterer at airport (Premium Port Lounge Management Company)	0.41
8.	Ticketing	Ticketing consultant (Bruce Wilkie)	1.19
9.	Communication	Production and broadcast of celebrity endorsement film (CNN)	0.48
10.	Communication	Production and broadcast of celebrity endorsement film (NDTV)	0.24
11.	Communication	Production and broadcast of special episodes on development of games (CNN)	2.50
12.	Communication	Promotion of QBR in India (NDTV) and G.Next Media	0.31
13.	Communication	NDTV (Greenathon)	0.25
14.	Communication	Publication of 'Go Delhi' book (Rush Entertainment Ltd.)	0.14
15.	Communication	Outdoor advertising on Youth Baton Relay, Pune (M/s Billboard and M/s JC Decaux advertising Ltd.)	0.44
16.	Communication	Promotion of CWG through schools, colleges and music concerts (SPIC-MACAY)	0.20
17.	Communication	Spread awareness about CWG in CHOGM 2009 (First Magazine UK & M/s Publications UK Ltd)	0.11
18.	Procurement	Uniform (Hastkala)	0.08
19.	Procurement	Supply of suitcases (Young Friend & Co)	0.23
20.	Procurement	Supply of shirts (Young Friend & Co)	0.05

Sl. No.	Functional Area	Contract and Vendor	Contract amount (in Rs. crore)
21.	Technology	Turnkey Implementation Agency (TCIL)	92.17
22.	Technology	IPTV, Wi-fi, High Speed Internet, fax, phone, GVN, enabling of Network Services (Radius Infratel Pvt. Ltd.)	2.95
23.	Venue Development	Project Scheduling, Review and Monitoring, Part C (EKS)	14.50
24.	Venue Development	Venue Brief, Preparation of Site Plan, Part A (EKS)	5.20
25.	Sports	Sports Presentation (Great Big Events -1st contract)	2.25
26.	Sports	Sports Presentation (Great Big Events -2nd contract)	3.82
27.	Technology	High speed bandwidth (TCL) & Bharti Airtel	11.80
28.	Technology	Data cards (MTNL, Reliance, Tata)	0.80
29.	Technology	IPTV Services (Bharti Airtel)	0.60
30.	Technology	Audio/Video Equipment (Samsung Electronics)	3.79
31.	Technology	Purchase of desktop (Agmatel, CIPL)	5.79
32.	Games Village	Employment of lift man at residential towers of Games Village (Schindler India Pvt. Ltd)	0.40
33.	Ceremonies	Theme song (A R Rahman)	5.04
34.	Ceremonies	Band Stand (Mark Fisher)	2.90
35.	Ceremonies	Props (Omung Kumar- Blue Lotus)	16.49
36.	Ceremonies	Creative Director (Bharat Bala)	3.00
37.	Ceremonies	Aerostat (K-events)	35.82
38.	Ceremonies	Costume Suppliers (Anna Singh, Leena Ashima and Seerath Narendra)	6.98
39.	Ceremonies	Choreographer (Santosh Shetty)	1.33
40.	Ceremonies	Choreographer (Devendra Shiller)	1.33
41.	Ceremonies	Cast Management (Rang Puhar)	0.95
42.	Ceremonies	Music Arranger (Ranjit Barot)	1.93
43.	Ceremonies	Segment Director (Kalpesh Dalal)	0.40
44.	Ceremonies	Rigging Equipment (Stage One)	1.32
45.	Ceremonies	Cast Provider (Rangbhoomi)	1.06
46.	Ceremonies	AGNI Segment (Samudra)	1.58
47.	Ceremonies	Cast & Dancer (Shiamak Davar)	2.82
48.	Ceremonies	Production Designer (Mark Fisher)	0.90
49.	Ceremonies	Technical and Staging Manager (Andrew Garrod)	0.49
50.	Ceremonies	Master Scheduler (Sarah Grubb)	0.18
51.	Ceremonies	Audio Designer (Scott Willsallen)	0.33
52.	Ceremonies	CAD Manager (Aaron Felker)	0.43

Sl. No.	Functional Area	Contract and Vendor	Contract amount (in Rs. crore)
53.	Ceremonies	Technical Director (Piers Shepperd)	0.72
54.	Ceremonies	Lighting Designer (Durham Marengi)	1.58
55.	Ceremonies	Technical System Manager (Ian Baldwin)	0.47
56.	Ceremonies	Production Rigging (James Lee)	0.26
57.	Ceremonies	Scenic Engineer and Rigging Manager (Richard Hartman)	0.54
58.	Ceremonies	Communication Designer (Larry Estrin)	0.76
59.	Ceremonies	Roof Loading Study (Knut Stockhusen)	0.03
60.	Ceremonies	Show Caller (Laura Thatcher)	0.11
61.	Ceremonies	Technical Director (Ola Melzig)	0.39
62.	Ceremonies	Rigging Consultant (Stage One)	0.37
63.	Ceremonies	Electrical System Consultant (Linus Lopez)	0.41
64.	Accreditation	Consultant (Thomas C. Cisewski)	0.04
65.	Catering & cleaning and waste management	Consultant (David Payne)	1.82
66.	Finance	Ernst & Young	0.40
67.	Venue Development	Lary Sengstock	0.04
68.	Sports	Consultant (Greg Bowman)	0.77
69.	Sports	Tsogas Achillefs	0.32
70.	Image and Look	Matt Burton & Simon Dietsch	0.05
71.	Administration	Chief Advisor (BS Ojha)	0.04
72.	Broadcasting	Consultant (Patrick Thomas Furlong)	2.80
73.	Catering	Legal Consultant (Abraham M Pattiyani)	0.02
74.	QBR/BCI	Consultant (Saba Ali)	0.17
75.	Communication	Consultant (Anupam Gulati)	0.13
76.	Coordination	Consultant, International Relation (Shashi Tharoor)	0.13
77.	Finance	Consultant (Nishigandha Mathur)	0.02
78.	Finance	Pr. Advisor, Taxation (Anita Sahani)	0.07
79.	Games Village	Consultant (John Lade)	0.92
80.	Legal	Advisor (Shivani Chopra)	0
81.	Legal	Advisor (Sushil Salwan)	0.28
82.	Legal	Advisor (Lovekesh Sahani)	0.04
83.	Media	Advisor (R. Ramachandran)	0.15
84.	Media	Advisor (Sandeep Mehta)	0
85.	Media	Consultant, Communication (V. Krishnaswamy)	0.03
86.	Media	Advisor (Sandhya Mulchandani)	0.11
87.	Venue Development	Advisor, Infrastructure (Lt. Gen. Yash Malhotra)	0.09
88.	Media	Consultant, Main Press Centre (BS Khosla)	0

Sl. No.	Functional Area	Contract and Vendor	Contract amount (in Rs. crore)
89.	Protocol	Advisor, Revenue & Marketing (Vikram Kaul)	0.11
90.	Security	Advisor (RK Das)	0.08
91.	Security	Advisor (BKR Rao)	0
92.	Sponsorship	SMAM (Pune)	3.36
93.	Technology	Consultant (Brian Nourse)	0.95
94.	Venue Development and Overlays	Consultant (Bhoop Singh)	0.04
95.	Venue Development and Overlays	Consultant (GP Singh)	0.02
96.	Venue Development and Overlays	Consultant (Radhesh Gupta)	0.02
97.	Venue Development and Overlays	Consultant (Nawal Kant Sethi)	0.01
98.	Venue Development and Overlays	Consultant (Dhruv Kapur)	0.01
99.	Venue Development and Overlays	Architect/Consultant (B. Uma Shankar)	0.02
100.	Venue Development and Overlays	Architect /Consultant (Prema Joshi)	0.01
101.	Venue Development and Overlays	Architect /Consultant (Nitin Srivastava)	0.02
102.	Venue Development and Overlays	Architect /Consultant (Nidhi Gupta)	0.02
103.	Venue Development and Overlays	Architect /Consultant (Bushra Jung)	0.01
104.	Venue Development and Overlays	Architect /Consultant (Shamin Akhtar)	0.01
105.	Venue Development and Overlays	Architect /Consultant (Divya badhan)	0.02
106.	Administration	Advisor, Transport & Security (Rajiva Srivastava)	0.40
107.	Technology	Official Telecom service provider (MTNL)	30.00
Total			310.68

B. Contracts awarded on single tender

Sl. No.	Functional Area	Name of the Contract	Rs. in crore	Remarks
1	Ceremonies	Ground Cloth for Opening Ceremonies (Geofabrics)	1.74	Open Tender
2	Ceremonies	Ground Cloth for Closing Ceremonies (Lalit Art Studio)	0.97	Open Tender
3	Ceremonies	Turf Replacement (Hortus Consultants)	7.26	Open Tender
4	Catering	Master caterer for Games Village(DNC)	66.50	Open Tender
5	Catering	Transportation of Kitchen Equipment from Airport to Games Village (Balmer Lawrie & Company)	0.15	Limited Tender
6	Communication	Appointment of Sports Promotion consultant (Percept Ltd)	1.90	Open tender
7	Sport	Under water sound system, under water speaker (Swatantra Stores)	0.08	Open Tender
8	Sport	Warm up roller (Swatantra Stores)	0.05	Open Tender
9	Sport	Boundary scope (Swatantra Stores)	0.04	Open Tender
10	Sport	Boxing competition rings (Swatantra Stores)	0.18	Open Tender
11	Sport	Boxing gloves (Swatantra Stores)	0.26	Open Tender
12	Sport	Boxing Headgears (Swatantra Stores)	0.10	Open Tender

Sl. No.	Functional Area	Name of the Contract	Rs. in crore	Remarks
13	Sport	Punching bag stand/tower heavy duty (Swatantra Stores)	0.02	Limited Tender
14	Sport	Hook & Jab Pad (Swatantra Stores)	0.02	Limited Tender
15	Sport	Punching bag (Swatantra Stores)	0.07	Limited Tender
16	Sport	Boxing glove, head gear, punching glove rack stand (Swatantra Stores)	0.01	Limited Tender
17	Sport	Power lifting equipment- M/s Eleiko Sports, (Swatantra Stores)	0.27	Open Tender
18	Sport	Automatic Electronic Scoring Target system (SIUS ASCOR, Switzerland)	1.01	Open Tender
19	Sport	Long throw equipment retriever tele controller (M/s Vinex Enterprises Pvt. Ltd.)	0.12	Open Tender
20	Sport	Badminton equipment (M/s Sunrise PT Ltd. Singapore)	0.54	Open Tender
21	Technology	Games Management System (Gold Medal System)	21.02	Open Tender
22	Technology	Timing, Scoring and Results (Swiss Timing)	112.45	Open Tender
23	Games Planning and Project Management	Games Planning and Project Management (Consortium of E&Y and EKS)	29.66	Open tender

Sl. No.	Functional Area	Name of the Contract	Rs. in crore	Remarks
24	Venue Development & Overlays	Providing and Installing of Signage at Pragati Maidan and JNL (Meroform)	0.86	Open Tender
25	Work Force	Work Force Consultancy (Consortium of E&Y and EKS)	22.36	Open Tender
26	TV Rights	International Broadcast Rights Consultant (Fast Track Events)	29.44	Open Tender (Commission Charges)
27	Sponsorship	International Consultant (SMAM)	50.00	Open Tender (Commission Charges invoice submitted by SMAM)
28	Press Operation	Games News Agency (Info Strada)	9.06	Open tender
Total			356.14	

C. Ineligible vendors

Sl. No.	Functional Area	Name of the Work	Value of Contract (in crore)
1	Venue Development & Overlays	Contract for overlays	630.00
2	Sponsorship	Consultant (SMAM)	450.00 ¹
3	Catering	Food Stalls at Games Venues (Fast Trax)	0.92
4	Catering	Master Caterer (DNC)	66.50
5	Catering	Kitchen equipments supplier and installer (Constellations)	9.50
6	Ceremonies	Ground Cloth for Opening Ceremony (Geofabrics)	1.74
7	Ceremonies	Ground Cloth for Closing Ceremony (Lalit Arts Studio)	0.97
8	Games Village	Housekeeping for Games Village (Kalpataru Hospitality)	3.44
9	Technology	Games Management System (Gold Medal System)	21.02
10	Merchandising & Licensing	Licensee (PBL)	4.52
11	Work Force	Work Force Consultancy(EKS in consortium with Ernst & Young)	22.36
12	Cleaning & Waste Management.	Cleaning Services	21.29
13	Catering	Venue Catering (AFP Manufacturers Pvt. Ltd)	8.75
14	Ceremony	CYG-2008, Pune (Wizcraft)	12.77
		Total	1253.78

¹Sponsorship target of SMAM as per contract.

D. Restrictive Clauses

Sl. No	Functional Area	Name of the Contract	Restrictive conditions	Amount (in crore)
1	Ceremonies	Ground Cloth for Opening Ceremony (Geo-Fabrics)	Experience in Olympics, CWG and Asian Games	1.74
2	Catering	Master caterer for Games Village (DNC)	Experience in Olympics, CWG and Asian Games	66.50
3	Ceremonies	Communication Systems (Reidel Communications)	Experience in Olympics, CWG and Asian Games	1.57
4	Ceremonies	CYG-2008, Pune (Wizcraft)	Annual turnover of Rs. 125 crore	12.77
5	Ceremonies	Lighting & Search Light (PRG Belgium)	Experience in Olympics, CWG and Asian Games	15.75
6	Accreditation	Procurement of lanyard (Tristar Enterprises)	Resistance upto 800 degree Celsius	0.68
7	Communication	Appointment of Sports Promotion consultant (Percept Ltd)	Higher turnover of Rs. 250 crore	1.90
8	Sports	Hiring of audio/video equipments for Sports Presentation (Modern Stage)	Experience of providing audio/video equipments in Olympics, Asian games, CWG and World Mega Sports competition	6.75
9	Technology	Games Management System (Gold Medal System)	Experience in Olympic, CWG and Asian Games during last five years	21.02
10	Technology	Timing, Scoring and Results (Swiss Timing Omega)	Experience in Olympic, CWG and Asian Games during last five years	112.45
11	Venue Development & Overlays	Overlays (Turnkey Contract)	Exorbitant turnover (Rs. 1075 crore) Experience of CWG/Asian Games/Olympics	630.18
12	Image and Look	Games Look Provider	Annual turnover of Rs. 4 crore for allotment-one cluster, 8 crore for second cluster etc.	25.94
13	Work Force	Work Force Consultant	Annual turnover of more than Rs. 50 crore or equivalent in foreign currency from consulting fees in each of the preceding years. Experience of providing advisory services to at least two multi-sport events of the stature of Olympics, Asian Games and CWG	22.36
14	Games Planning & Venue Development	Games Planning & Project Management Consultant	Experience of only CWG/Asian Games/Olympics was considered for qualification	29.66
15	Technology	Official Website Provider	Work experience of	2.95

Sl. No	Functional Area	Name of the Contract	Restrictive conditions	Amount (in crore)
			Olympics/CWG/Asian Games, PAN American Games or any other international multi sport events	
16	Cleaning & Waste Management	Cleaning Services	Annual turnover of Rs 5 Crore in each of the last financial year to undertake one tender package, and for venues having seating capacity of greater than 500, annual turnover should be Rs. 10 Crore or more for at least the last 3 yrs	21.29
		Total		973.51

E: Retendering due to non submission of EMD

Sl. No.	Name of the Functional Area	Name of the Contract/work	Value of Contract (in crore)	Remarks
1	Catering	Master Caterer for Games Village	72.00	Though EMD was not obtained, the commercial bid was opened. Subsequently, re-tendering was ordered.
2	Ceremony	Turf Replacement	7.26	Rs.7.26 crore after retendering. The Retendering was done, as no EMD was received.

F: EMD not obtained

Sl. No.	Name of the Functional Area	Name of the Contract	Value of Contract/Tender Value (Rs in crore)	Remarks
1	Ceremony	Signature Fencing	8.22	EB authorised Chairman to waive off the EMD
2	Sponsorship	SMAM	On commission basis	No EMD
3	TV Rights	International Broadcast Rights Sales consultant Service agreement	On commission basis	No EMD
4	Ceremony	Video Content	3.80	No EMD
5	Ceremony	Stage Safe	0.34	No EMD

G. Negotiation held with Vendors other than L1

Sl. No.	Functional Area	Name of the work	Parties with which negotiations held	Contract awarded to (L2, L3, L4 etc)	Value of contract (in crore)
1	Ceremonies	Video Contents	L3 (highest Bidder)	L3	3.80
2	Image and Look	Graphic Design Agency	L2	L2	2.81
3	TV Rights	International Broadcast Rights Consultancy	L2	L2	29.44
4	Games Village	House Keeping Contract	L1 & L2	L1 & L2 (Divided among L1 & L2)	3.44
5	Catering	Venue Catering	L1, L2 & L3	L1, L2 & L3	5.99
6	Administration	Renovation of NDCC building (2nd to 6th floor)	L1, L2 & L3	L1, L2 & L3	19.66
7	Administration	Renovation of NDCC building (7th to 9th floor)	L1, L2	L1, L2	8.89
Total					74.03

H. Sufficient time not given for bidders to respond to RFP

Sl. No.	Functional Area	Name of the work/contractor	Value of work (in crore)	Time allowed to Respond to RFP
1	Technology	Official Games Website Provider	2.95	10 Days
2	Technology	Games Management	21.02	3 weeks
3	Technology	Supply of Audio Video Equipments	3.79	2 weeks
4	Venue Development and Overlays	Providing and Installing of Signages at Pragati Maidan and JLN	0.86	5 days

Sl. No.	Functional Area	Name of the work/contractor	Value of work (in crore)	Time allowed to Respond to RFP
5	Venue Development and Overlays	Glazing black out of glass	0.32	5 days
6	TV Rights	International Broadcast Rights Consultancy	29.44	2 weeks
7	Sports	Hiring of audio/video equipment	6.75	10 days
8	Ceremonies	Lighting and search lighting	15.75	2 weeks
9	Ceremonies	Pyrotechnic	3.38	3 weeks
10	Ceremonies	Audio System	5.18	2 weeks
11	Ceremonies	Communication System	1.57	2 weeks
12	Ceremonies	Ground protection	7.87	2 weeks
13	Ceremonies	Ground cloth for Opening Ceremony	1.74	2 weeks
14	Ceremonies	Ground cloth for Closing Ceremony	0.97	2 weeks
15	Ceremonies	Turf replacement	7.26	2 weeks
16	Ceremonies	International consultant	10.33	19 days
17	Ceremonies	Event Management Firm	21.49	2 weeks
18	Sponsorship	Consultant	50.0	2 weeks
19	QBR	QBR consultant	8.00	2 weeks
20	QBR	QBR Launch	1.81	2 weeks
21	QBR	QBR International uniform	0.19	10 days
22	Administration	Interior designer consultant	1.27	2 weeks
23	Administration	Renovation of NDCC building (2nd floor to 6th floor)	19.66	2 weeks

Sl. No.	Functional Area	Name of the work/contractor	Value of work (in crore)	Time allowed to Respond to RFP
24	Administration	Renovation of NDCC building (7th floor to 9th floor)	8.89	2 weeks
25	Catering	Food stalls (venue catering)	0.93	10 days
26	Catering	Lounge catering (venue catering)	13.93	7 days
27	Catering	Food packets (venue catering)	9.00	7 days
28	Catering	Installation and supply of kitchen equipment	9.50	10 days
Total			263.85	
Less time allowed to respond after taking approval of Chairman				
Sl. No.	Functional Area	Name of the work/contractor	Value of work (in crore)	Time allowed to Respond to RFP
1	Press Operation	Games News Agency	9.06	2 weeks
2	Image & Look	Games Look Provider	25.94	2 weeks
3	Sports FA	Hiring of audio video equipment	6.75	2 weeks
Total			41.75	

I. RFP/EOI Cancelled and Retendering resorted to

Sl.No	Functional Area	Name of the contract
1	Catering	Games Village Catering (DNC)
2	Catering	Venue Catering
3	Games village development & Operation	House Keeping Contract Games Village
4	Merchandising & Licensing	Merchandising & Licensing
5	Technology	Purchase of Audio Video equipment
6	Sports	Sports Presentation- 2nd Contract
7	Ceremony	Turf Replacement
8	Ticketing	Ticketing Agency
9	Risk Management	Insurance consultant

J. Value of unused items

Sl. No.	Functional Area	Name of work/items	Value of Items Purchased (in Rs crore)	Items remained un-used (in Rs crore)
1	Ceremonies	Properties for Ceremonies (Ground Protection)	7.87	2.02
2	Ceremonies	Ground Cloth for Opening Ceremony	1.74	0.20
3	Ceremonies	Props for Closing Ceremony	4.04	2.83
4	Ceremonies	Props for Opening Ceremony	12.45	0.36
5	Sports	Sports equipment	2.27	2.27
6	Procurement	Purchase of Laptops	1.00	0.26
7	Ticketing	Printing of Raw tickets	1.86	0.78
8	Communication	Provide creative strategy & creative Plan (audio visual)	1.34	1.27
9	Procurement	Men Shirt(Peter England)	0.05	0.01
10	Procurement	Saree/Blouse Petticoat	0.08	0.01
11	Procurement	Ladies Shoes (Bata)	0.02	0.00
12	Procurement	Men Shoes (Bata)	0.04	0.01
13	Procurement	Suitcase(Tourists)	0.23	0.03
14	Procurement	Shera (Resin)	0.11	0.05
15	Procurement	Shera (Resin)	0.01	0.00
16	Procurement	Acrylic Mementos	0.24	0.08
17	Procurement	Mega Phone	0.03	0.01
18	Procurement	Souvenir Mug	0.05	0.03
19	Procurement	Souvenir Pen	0.01	0.01
20	Procurement	Souvenir Umbrella	0.09	0.05
21	Procurement	Commemorative Medals	3.49	2.64
22	Procurement	Souvenir -Tie	0.32	0.22
23	Procurement	Laptop stickers	0.03	0.02
24	Procurement	Lapel-Pin	0.34	0.23
25	Procurement	Scarf	0.09	0.01
26	Procurement	Commemorative Plate	0.25	0.15
27	Procurement	Commemorative Coins	0.00	0.00
28	Procurement	Commemorative Coins	0.00	0.00
		Total	38.05	13.55

K. Detailed Scope of work not defined in the agreement

Sl.No	Functional area	Name of Consultant	Criteria of appointment whether nomination or through RFP	Designation/Broad Scope of Work
1.	Administration	BS Ojha	Nomination	Chief advisor
2.	Broadcasting	Goverdhan Sharma	Search committee	Broadcasting advisor
3.	Catering	Sunil Khanna	Search Committee	Establishment of village kitchen
4.	Catering	Ajay Grover	Search committee	Catering Consultant
5.	Catering	Abraham M Pattiyani	Nomination	Legal
6.	CBC/BCI	Saba Ali	Nomination	Additional manpower to deliver the Baton Launch
7.	Communication	Ms. Geetanjali Aiyer	Search committee	Communication consultancy
8.	Communication	Rajiv Desai	Search committee	Communication consultancy
9.	Communication	Arun Shaw	Search committee	Increase of work load in FA
10.	Coordination	Shashi Tharoor	Nomination	Engaging city, national and international communities
11.	Finance	Nishigandha Mathur	Nomination	Drafting of Games Time financial policies, setting up of insurance desk at OC during Games Time
12.	Finance	Anita Sahani	Nomination	Principal Advisor Taxation (part time)
13.	Finance	Ernst & Young	Nomination	Revalidated budget
14.	Legacy and CGA relation	Asha Nayar Basu	Search committee	Legacy and Communication (part time)
15.	Legal	Shivani Chopra	Nomination	Legal Advisor
16.	Legal	Sushil Salwan	Nomination	Legal Advisor
17.	Legal	Lovekesh Sahani	Nomination	Legal Advisor
18.	Media	Sandeep Mehta	Nomination	Media Advisor
19.	Media	Sandhya Mulchandani	Nomination	Advisor Media
20.	Medical/ Protocol	Sujata Khanduja	Search committee	Consultancy in Medical/ Protocol

Sl.No	Functional area	Name of Consultant	Criteria of appointment whether nomination or through RFP	Designation/Broad Scope of Work
21.	Venue Development	Lt. Gen. Yash Malhotra	Nomination	Infrastructure Advisor
22.	Venue Development	Lary Sengstock	Nomination	Review of Competition Schedule
23.	Media	BS Khosla	Nomination	Main Press Centre
24.	Accomodation	Shobha Narain	Search committee	Hospitality (Part time)
25.	Protocol	Stuti Mishra	Search committee	Protocol consultancy
26.	Protocol	Vikram Kaul	Nomination	Advisor for revenue, marketing and communication (but later shifted to hospitality)
27.	QBR	Ashutosh Sharma	Search Committee	Advisor, QBR
28.	QBR	Satish Pardhan	Search Committee	Advisor, QBR
29.	Risk Management	Marsh India Private Limited and Trinity Insurance Brokers Pvt. Ltd.	RFP	Consultancy for insurance
30.	Security	RK Das	Nomination	Security Advisor
31.	Security	BKR Rao	Nomination	Security issues
32.	Technology	Rajiv Arora	Search committee	Audio-video (part time)
33.	Technology	Brian Nourse	Nomination	I st phase: Not defined; II nd phase: Assistance in preparation of scope of work for different aspects of technology FA
34.	Ticketing	Mohan Phadke	Search committee	Ticketing Advisor

Sl.No	Functional area	Name of Consultant	Criteria of appointment whether nomination or through RFP	Designation/Broad Scope of Work
35.	Workforce	Surendra Kumar Chopara	Search committee	Training consultancy in workforce
36.	Workforce	Nivedita Saboo	Search Committee	Increased of work load in Uniform FA
37.	Venue development and overlays	Bhoop Singh	Nomination	Verification of quantities of various venues for different vendors.
38.	Venue development and overlays	GP Singh	Nomination	Verification of quantities of various venues for different vendors.
39.	Venue development and overlays	Radhesh Gupta	Nomination	Verification of quantities of various venues for different vendors.
40.	Venue development and overlays	Nawal Kant Sethi	Nomination	Verification of quantities of various venues for different vendors.
41.	Venue development and overlays	Manohar Lal	Search committee	Quantity surveyor
42.	Venue development and overlays	Rohit Bisht	Search committee	Architect consultant
43.	Venue development and overlays	R. Sangeetha	Search committee	Architect consultant
44.	Venue development and overlays	Mohd. Quasim Ali Mirza	Search committee	Architect consultant
45.	Venue development and overlays	Nikesh Jain	Search committee	Architect consultant
46.	Venue development and overlays	Meenakshi Bhagat	Search committee	Architect consultant

Sl.No	Functional area	Name of Consultant	Criteria of appointment whether nomination or through RFP	Designation/Broad Scope of Work
47.	Venue development and overlays	T. Saravanan	Search committee	Architect consultant
48.	Venue development and overlays	Dhruv Kapur	Nomination	Consultant Overlays
49.	Venue development and overlays	B. Uma Shankar	Nomination	Architect consultant
50.	Venue development and overlays	Prema Joshi	Nomination	Architect consultant
51.	Venue development and overlays	Nitin Srivastava	Nomination	Architect consultant
52.	Venue development and overlays	Nidhi Gupta	Nomination	Architect consultant
53.	Venue development and overlays	Bushra Jung	Nomination	Architect consultant
54.	Venue development and overlays	Shamin Akhtar	Nomination	Architect consultant
55.	Venue development and overlays	Divya Badhan	Nomination	Architect consultant
56.	Technology	G Rajaraman	Search committee	Web-designing
57.	Technology	Dimakh Sahasrabuddhe	Search committee	Web-designing
58.	Workforce	Rajiva Srivastava	Nomination	Principal Advisor

L. Scope of work in Agreement different from RFP/EOI

Sl. No.	Functional Area	Name of Contract	Amount (in crore)	Remarks
1	Ceremonies	Lighting & Search Lighting	15.75	Two RFPs issued, but later merged one contract signed
2	Ceremonies	Ground Protection	7.87	Earlier plan to procure on hire, converted to purchase
3	Merchandising Licensing	Providing revenue from sale of merchandise	4.52	Category wise licensing changed to single master licensee
4	Sports	Sports presentation workshop and basic music/video pack service agreement	3.82	EOI was floated for 17 sports presentation managers and 3 victory ceremony producers but in the agreement this was changed to sports presentation workshop and basic music/video pack service agreement
5	Technology	Technology services	2.95	Scope of work enhanced/changed to include IPTV, Wi-fi, High Speed Internet, fax, phone, GVN enabling Network services
6	Image and Look	Games Look Provider	25.94	Out of the 9 clusters, scope of work decreased in 7 clusters and increased in 2 clusters after the award of the contract
7	Work Force	Work Force consultancy	22.36	Schedule for delivery of services not included in the contract.
8	Technology	Timing, Scoring and Results	112.45	Due to clarification issued after the issue of RFP, cost of test events was called for separately. Test events were later excluded from the scope of work.
9	Catering	Games Village Catering	79.00	Scope of work reduced and changed
10	QBR	QBR Launch Ceremony	1.87	Scope reduced but price enhanced
Total			276.53	

M. Conflict of Interest

Sl. No.	Functional Area	Name of the Contract	Value of Contract (in Rs.crore)	Remarks
1	Catering	Installation of Kitchen Equipment	9.5	Mr. Sunil Khanna, Consultant for the work was involved with Aster Technologies (in consortium with Constellations)
2	Ceremonies	Aerostat	35.82	Spectak Productions (Shri Ric Birch) and K Events (Aerostat supplier) with part of the Film Master Group
3	Sports	Sports presentation	2.25	Mr. Greg Bowman was engaged as the consultant for sports presentation. Finally he involved his company Great Big Event for the job.
4	Ceremonies	Piers Shepperd	0.72	They earlier submitted their consent to work with Wizcraft. However later individually appointed by OC on nomination basis on recommendation of Ric Birch (International consultant).
5	Ceremonies	Mark Fisher (Production Designer)	0.90	do
6	Ceremonies	Durham Mereghi	1.58	do
7	Ceremonies	Richard Hurtman	0.54	do
8	Ceremonies	Lawrence Estrin	0.76	do
9	Ceremonies	Mark Fisher (Band Stand)	2.90	do
Total			54.97	

N. Advance paid in excess of the limit of 30 per cent for private parties and 40 per cent for Govt. firm

Sl. No.	Name of the Functional Area	Contract and Contractors	Value of Contract (in Rs. crore)	Amount of Advance (in Rs. crore)	Percentage of Advance
1	Catering	Kitchen Equipment (PKL)	8.63	8.63	100
2	Ceremonies	Designing of Bandstand (Mark Fisher)	2.90	2.90	100
3	Communication	To provide creative strategy & media plan for launch of 1000 days to go campaign (JWT)	1.20	0.60	50
4	Image and Look	Games Look Provider	25.94	12.02	50
5	QBR	AM Films	1.17	1.17	100
6	QBR	Indian Hotels	0.76	0.76	100
		Total	40.60	26.08	

Annexe 7.4 – List of consultants and advisor

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	Whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
1.	Accreditation	Thomas C. Cisewski	Nomination	Accreditation consultancy	Yes	Yes	Yes	14.10.09	
2.	Administration	BS Ojha	Nomination	Chief advisor	No	No	No	07.07.08	Earlier DG up to July 2008. Thereafter, appointed as chief advisor from the same day.
3.	Administration	Sunil Kumar	Search committee	Supervision of interior work	Yes	No	No	15.09.08	
4.	Administration	MIS	RFP	Interior design consultant	Yes	Yes	Yes	09.06.08	
5.	Venue Development	Bhoop Singh	Nomination	Verification of quantities of various venues for different vendors	No	No	No	23.08.10	
6.	Broadcasting	Goverdhan Sharma	Search committee	Broadcasting advisor	No	No	No	29.12.07	His fees was upgraded to the scale of ADG w.e.f April 2008, however later on appointed as ADG broadcasting w.e.f 31.12.09.
7.	Broadcasting	Patrick Thomas Furlong	Nomination	Broadcasting and media consultancy	Yes	No	No	23.03.07	
8.	Catering	Sunil Khanna	Search Committee	Establishment of village kitchen	No	No	No	14.05.10	He resigned from his post, as he was associated with one of the firm who got a contract in

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
									catering.
9.	Catering	Ajay Grover	Search committee	Catering Consultant	No	No	No	05.11.09	
10.	Catering	Abraham M Pattiyan	Nomination	Legal	No	No	No	28.06.10	
11.	Catering & cleaning and waste management	David Payne	Nomination	Consultancy in catering & cleaning and waste management	Yes	Yes	No	01.04.09	
12.	CBC/BCI	Saba Ali	Nomination	Additional manpower to deliver the Baton Launch	No	No	No	28.04.09	Appointed only up to Nov.09. However, the contract was extended in Feb 2010 up to Nov. 2010.
13.	Ceremony	Bharat Bala	Nomination	Creative consultant for opening and closing ceremony	Yes	Yes	No	Mar-10	
14.	Ceremony	Spectak Productions (Ric Birch)	RFP	Advisory and consultancy service to make ceremonies spectacular	Yes	Yes	No	03.12.09	
15.	Ceremony	Mark Fisher	Nomination	Production designer	Yes	Yes	No	15.04.10	
16.	Ceremony	Piers Shepperd	Nomination	Technical production	Yes	Yes	No	16.04.10	
17.	Ceremony	Andrew Garrod	Nomination	Technical and staging	Yes	Yes	No	04.05.10	
18.	Ceremony	Sarah Grubb	Nomination	Master scheduler	Yes	Yes	No	10.07.10	
19.	Ceremony	Scott Willsallen	Nomination	Audio director	Yes	Yes	No	25.05.10	
20.	Ceremony	Aaron Felkar	Nomination	CAD manager	No	No	No	16.04.10	
21.	Ceremony	Durham Marengi	Nomination	Lighting designer	Yes	Yes	No	02.03.10	
22.	Ceremony	Ian	Nomination	Technical systems	Yes	Yes	No	02.05.10	

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
		Baldwin							
23.	Ceremony	James Lee	Nomination	Production rigging	Yes	Yes	No	01.05.10	
24.	Ceremony	Richard Hartman	Nomination	Scenic rigging and scenic rigging manager	Yes	Yes	No	15.04.10	
25.	Ceremony	Laurence Estrin	Nomination	Communication design	Yes	Yes	No	17.04.10	
26.	Ceremony	Knut Stockhusen	Nomination	Roof loading study	Yes	Yes	yes	04.03.10	
27.	Ceremony	Laura Thatcher	Nomination	Show caller and stage manager	Yes	Yes	No	11.09.10	
28.	Ceremony	Ola Melzig	Nomination	Technical requirement of the ceremonies	Yes	Yes	No	25.08.10	
29.	Ceremony	Stage One	Nomination	Rigging	Yes	Yes	No	30.09.10	
30.	Ceremony	Stage Safe	RFP	Health and safety	Yes	Yes	No	13.08.10	
31.	Ceremony	Linus Lopez	Nomination	Electrical service consultancy	Yes	Yes	No	24.07.10	
32.	Communication	M/s Percept Ltd.	RFP	Sport promotion and sponsor communication sport	Yes	Yes	No	17.07.10	
33.	Communication	Geetanjali Aiyer	Search committee	Communication consultancy	No	No	No	26.03.10	
34.	Communication	Rajiv Desai	Search committee	Communication consultancy	No	No	No	18.08.10	
35.	Communication	Arun Shaw	Search committee	Increase of work load in FA	No	No	No	23.08.10	
36.	Communication	Anupam Gulati	Nomination	Communication advisor	Yes	No	No	12.08.08	Appointed for one year later extended his term and fees on the recommendation of Chairman.
37.	coordination	Shashi Tharoor	Nomination	Engaging city, national and international communities	No	No	No	24.07.08	

Annexes to Chapter 7

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	Whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
38.	Finance	Nishigandha Mathur	Nomination	Drafting of Games Time financial policies, setting up of insurance desk at OC during Games Time	No	No	No	15.04.10	
39.	Finance	Anita Sahani	Nomination	Principal Advisor. Taxation (parttime)	No	No	No	31.12.07	
40.	Finance	Ernst & Young	Nomination	Revalidated budget	No	No	No	17.03.07	
41.	Finance	P Aggarwal & Sons	RFP	Provide services on taxation, advisory and regulatory matters	Yes	No	Yes	01.10.08	
42.	Games Village	John Lade	Nomination	Review of overlays proposal and village operational planning	Yes	Yes	No	27.10.09	
43.	Legacy and CGA relation	Asha Nayar Basu	Search committee	Legacy and communication (part time)	No	No	No	05.11.09	
44.	Legal	Shivani Chopra	Nomination	Legal	No	No	No	03.09.10	
45.	Legal	Sushil Salwan	Nomination	Legal advisor	No	No	No	13.12.07	
46.	Legal	Lovekesh Sahani	Nomination	Legal advisor	No	No	No	13.12.07	
47.	Legal	R. Ramachandran	Nomination	Media advisor	Yes	No	No	27.03.08	Nominated by Sandeep Mehta, PRO IOA. He mentioned that he will work with close coordination with Sandeep Mehta, who was not employee of OC.
48.	Media	Sandeep Mehta	Nomination	Media advisor	No	No	No	29.04.10	He was PRO of IOA and appointed without salary but OC agreed

Annexes to Chapter 7

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
									to pay other perks.
49.	Media	V. Krishnaswamy	Nomination	Media/website/communication consultant	Yes	No	No	15.05.07	Terminated contract from October 2007
50.	Media	Sandhya Mulchandani	Nomination	Advisor media	No	No	No	29.09.06	
51.	Medical/Protocol	Sujata Khanduja	Search committee	Consultancy in Medical/ Protocol	No	No	No	11.03.10	
52.	Accommodation	Shobha Narain	Search committee	Hospitality (Part time)	No	No	No	21.04.10	
53.	Venue Development	Lt. Gen. Yash Malhotra	Nomination	Infrastructure advisor	No	No	No	18.08.07	
54.	NA	Lary Sengstock	Nomination	Review of competition schedule	No	No	Yes	24.3.08	Nominated by Mike Hooper
55.	Press Operation	BS Khosla	Nomination	Main press centre	No	No	No	19.09.10	
56.	Protocol	Stuti Mishra	Search committee	Protocol consultancy	No	No	No	28.04.10	
57.	Protocol	Vikram Kaul	Nomination	Advisor for revenue, marketing and communication but later shifted to hospitality	No	No	No	16.11.09	He was chairman, sub-committee (revenue, marketing and communication) and member of OC CWG 2010. He was appointed as advisor (revenue, marketing and communication) but later shifted

Annexes to Chapter 7

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
									to hospitality
58.	QBR	Maxxam	RFP	All baton planning and operations services for QBR	Yes	Yes	Yes	Feb-2008	
59.	QBR	Ashutosh Sharma	Search Committee	Advisor QBR	No	No	No	16.04.10	He is honorary secretary of JK Olympic association. Appointed as coordinator Venue operation on 16.4.2010
60.	QBR	Satish Pardhan	Search Committee	Advisor QBR	No	No	No	05.06.10	Ex- MP Rajya sabha
61.	Risk Management	Marsh India Private Limited and Trinity Insurance Brokers Pvt. Ltd.	RFP	Consultancy for Risk Management	No	Yes	No	June 2008	
62.	Risk Management	RK Das	Nomination	Security advisor	No	No	No	17.07.09	
63.	Security	BKR Rao	Nomination	Security issues	No	No	No	12.07.07	
64.	Sponsorship	SMAM (Pune)	Nomination	Consultancy for sponsorship and licencing	Yes	Yes	Yes	26.10.07	
65.	Sponsorship	SMAM (CWG 2010)	RFP	Consultancy for sponsorship and licencing	Yes	Yes	Yes	25.07.07	
66.	Sports	Greg Bowman	Nomination	Delivery of sports presentation programme	Yes	Yes	No	06.10.09	
67.	Sports	Tsogas Achillefs	Nomination	Sports advisor	Yes	Yes	No	08.04.10	
68.	Sustainability & Environment	IL&FS	RFP	Green games consultant	Yes	Yes	Yes	05.01.08	
69.	Technology	Rajiv Arora	search committee	Audio-video (part time)	No	No	No	08.12.09	

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	Whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
70.	Technology	Brian Nourse	Nomination	Ist phase: Not defined; IInd phase: Assistance in preparation of scope of work for different aspect of Technology FA	No	Yes	No	23.12.07	
71.	Ticketing	Mohan Phadke	Search committee	Ticketing advisor	No	No	No	15.04.10	
72.	Ticketing	Bruce Wilkie	Nomination	Preparation of ticketing strategy and programme development for Games	Yes	Yes	Yes	Sept-09	
73.	Workforce	Surendra Kumar Chopara	Search committee	Training consultancy in workforce	No	No	No	09.04.10	
74.	TV Rights	Fast Track Event London	RFP	International broadcast rights consultancy	Yes	Yes	Yes	22.03.07	
75.	Workforce	Nivedita saboo	Search Committee	Increased of work load in Administration FA	No	No	No	02.03.10	
76.	Venue Development	Consortium of EYS & EKS	RFP	Games planning and risk management	Yes	Yes	No	12.7.07	Tender document not submitted
77.	Venue development and overlays	GP Singh	Nomination	Verification of quantities of various venues for different vendors	No	No	No	01.09.10	
78.	Venue development and overlays	Radhesh Gupta	Nomination	Verification of quantities of various venues for different vendors	No	No	No	23.08.10	
79.	Venue development and overlays	Nawal Kant Sethi	Nomination	Verification of quantities of various venues for different vendors	No	No	No	04.09.10	
80.	Venue development and overlays	Manohar Lal	Search committee	Quantity surveyor	No	No	No	20.05.09	Earlier consultant but later on appointed as APO wef 31.10.2009
81.	Venue	Rohit	Search	Architect consultant	No	No	No	20.05.09	Earlier

Annexes to Chapter 7

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
	development and overlays	Bisht	committee						consultant but later on appointed as APO wef 31.10.2009
82.	Venue development and overlays	R. Sangeetha	search committee	Architect consultant	No	No	No	20.05.09	Earlier consultant but later on appointed as APO wef 31.10.2009
83.	Venue development and overlays	Mohd. Quasim Ali Mirza	search committee	Architect consultant	No	No	No	20.5.09	Earlier consultant but later on appointed as APO wef 31.10.2009
84.	Venue development and overlays	Nikesh Jain	Search committee	Architect consultant	No	No	No	20.5.09	Earlier consultant but later on appointed as APO wef 31.10.2009
85.	Venue development and overlays	Meenakshi Bhagat	Search committee	Architect consultant	No	No	No	20.5.09	Earlier consultant but later on appointed as APO wef 31.10.2009
86.	Venue development and overlays	T. Saravanan	Search committee	Architect consultant	No	No	No	20.05.09	Earlier consultant but later on appointed as APO wef 31.10.2009
87.	Venue development and overlays	Dhruv Kapur	Nomination	consultant Overlays	No	No	No	25.05.09	Earlier consultant but later on appointed as APO wef 31.10.2009
88.	Venue development and overlays	Samantha Cotterell	Search committee	Scoping, designing and delivery of overlays	Yes	Yes	No	20.5.09	
89.	Venue development and overlays	Vasileios P. Klaitzis	Search committee	Scoping, designing and delivery of overlays	Yes	Yes	No	26.2.09	

Annexes to Chapter 7

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
90.	Venue development and overlays	John Pauline	Search committee	Scoping and design of Phase I of the Overlays for non competition venues	Yes	Yes	No	26.2.09	
91.	Venue development and overlays	Yiannis Roussakis	Search committee		Yes	No	No		Only draft agreement dated 5.5.2009 was found in record
92.	Venue development and overlays	Alexander Louvris	Search committee		Yes	No	No		
93.	Venue development and overlays	EKS Part A	Nomination	Preparation of venue brief	Yes	Yes	No		
94.	Venue development and overlays	EKS Part C	Nomination	Project scheduling, review and monitoring	Yes	Yes	No	Jun-06	
95.	Venue development and overlays	B. Uma shankar	Nomination	Architect consultant	No	No	No	04.06.09	Earlier consultant but later on appointed as PO wef 31.10.2009
96.	Venue development and overlays	Prema Joshi	Nomination	Architect consultant	No	No	No	09.06.09	Earlier consultant but later on appointed as APO wef 31.10.2009
97.	Venue development and overlays	Nitin Srivastava	Nomination	Architect consultant	No	No	No	04.06.09	Earlier consultant but later on appointed as PO wef 31.10.2009
98.	Venue development and overlays	Nidhi Gupta	Nomination	Architect consultant	No	No	No	4.6.09	Earlier consultant but later on appointed as PO wef 31.10.2009
99.	Venue development and overlays	Bushra Jung	Nomination	Architect consultant	No	No	No	21.07.09	Earlier consultant but later on appointed as

Annexes to Chapter 7

Sl. No	Functional area	Name of Consultant	Criteria of appointment	Broad Scope of work	Details scope of work defined or not	whether contract signed or not	Whether payment linked with deliverables Yes/No	Date of award of work or date of contract	Remarks
									APO wef 31.10.2009
100.	Venue development and overlays	Shamin Akhtar	Nomination	Architect consultant	No	No	No	09.06.09	Earlier consultant but later on appointed as APO wef 31.10.2009
101.	Venue development and overlays	Divya Badhan	Nomination	Architect consultant	No	No	No	04.06.09	Earlier consultant but later on appointed as PO wef 31.10.2009
102.	Technology	G Rajaraman	Search committee	Web-designing	No	No	No	27.08.09	
103.	Technology	Dimakh Sahasrabudhe	Search committee	Web-designing	No	No	No	03.03.10	
104.	Workforce	ABC consultancy	RFP	Executive search	Yes	Yes	Yes	27.10.08	
105.	Workforce	Lease People strong consortium	RFP	Executive search	Yes	Yes	Yes	27.10.08	
106.	Workforce	Ma Foi management consortium	RFP	Executive search	Yes	Yes	Yes	27.10.08	
107.	Workforce	Consortium of E&Y & EKS	RFP	Workforce consultancy	Yes	Yes	No	24.03.08	
108.	Workforce	Rajiva Srivastava	Nomination	Principal Advisor	No	No	No	20.03.07	DG till 20.3.2007. Later appointed as principal advisor from the same day.

Annexes to Chapter 9

Annexe: 9.1 - Instances of Different Rates across vendors and across clusters

(Amount in Rs.)

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
1.01	MARQUEE - Workforce Check-in(Footprint:20mx30.0m) with counter type shuttered window	71,96,162	1,46,69,962
1.02	MARQUEE - Athletes Room(Footprint:25.0mx10.0m)	29,14,474	47,03,034
1.03	MARQUEE - Venue Operations Centre(Footprint:12.0mx12.0m)	18,18,640	34,29,350
1.04	MARQUEE - Press (Footprint:25.0mx35.0m) with acoustical treatment	1,62,97,192	2,48,16,424
1.05	MARQUEE - Press Conference(Footprint:16.0mx16.0m)	33,49,748	52,24,587
1.06	MARQUEE - Press Conference(Footprint:20.0mx35.0m)	68,76,757	1,31,82,887
1.07	MARQUEE - Games Family(Footprint:20.0mx35.0m)	94,47,950	1,84,82,806
1.08	MARQUEE - Sports Federation Offices (Footprint: 16.0mx48.0m) with 12 glass windows.	1,12,89,440	2,13,65,181
1.09	MARQUEE - Call Room (Sports)(Footprint:16.0mx16.0m)	37,90,223	73,67,430
1.10	MARQUEE - Press Conference(Footprint:20.0mx8.0m)	22,78,844	41,07,135
1.11	MARQUEE - Venue Command Center(Footprint:36.0mx6.0m)	31,21,711	47,53,561
1.12	MARQUEE - Workforce Break Area(Footprint:12.0mx15.0m)	23,07,536	35,13,783
1.13	MARQUEE - Workforce Area(Footprint:12.0mx15.0m)	23,37,283	38,37,187
1.14	MARQUEE - Games Family Lounge(Footprint:10.0mx10.0m)	13,99,883	32,13,849
1.15	MARQUEE - Press Conference(Footprint:5.0mx10.0m)	7,52,707	26,17,890
1.16	MARQUEE - Athletes Lounge / Reception(Footprint:10.0mx15.0m)	18,95,662	29,79,603
1.17	MARQUEE - Look of Games Storage(Footprint:5.0mx5.0m)	3,62,703	5,52,304
1.18	MARQUEE - Technical Officials(Footprint:25.0mx10.0m)	33,13,287	57,78,336
1.19	MARQUEE - Press Area(Footprint:25.0mx10.0m)	35,86,259	60,46,880

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
1.20	MARQUEE - BIO / CCR(Footprint:5.0mx5.0m)	4,18,068	12,68,253
1.21	MARQUEE - Site Management Office(Footprint:5.0mx5.0m)	4,53,414	7,22,158
1.22	MARQUEE - Protocol Assistant / Waiting Area & Reception / Ceremonies / Athletes first / final call room(Footprint:5.0mx10.0m)	8,70,412	15,36,626
1.23	MARQUEE - Catering Preparation(Footprint:5.0mx10.0m)	7,79,854	11,87,517
1.24	MARQUEE - Contractors Office and Workshop / Press Lounge / Physiotherapy (Footprint:5.0mx10.0m)	7,39,325	22,21,272
1.25	MARQUEE - Venue Operations(Footprint:21.0mx6.0m)	17,32,380	35,11,038
1.26	MARQUEE - Technology Operations(Footprint:27.0mx6.0m)	28,90,829	58,11,217
1.27	MARQUEE - Equipment Repair Room(Footprint:10.0mx5.0m)	6,75,241	10,57,928
1.28	MARQUEE - Team Pits / Technical Official Work Area(Footprint:5.0mx5.0m)	3,00,915	4,58,215
1.29	MARQUEE - Technology Operations(Footprint:25.0mx15.0m)	45,92,911	87,22,830
1.30	MARQUEE - Media Centre - Squash and Badminton(Footprint:20.0mx15.0m)	33,84,742	64,84,055
1.31	MARQUEE - Press Conference(Footprint:10.0mx15.0m)	14,36,560	34,58,360
1.32	MARQUEE - Athletes Lounge(Footprint:20.0mx10.0m)	32,48,500	60,97,515
1.33	MARQUEE - Ceremonies(Footprint:20.0mx25.0m)	65,56,219	97,23,486
1.34	MARQUEE - Ceremonies(Footprint:15.0mx25.0m)	39,40,336	77,24,905
1.35	MARQUEE - Ceremonies(Footprint:8.0mx12.0m)	13,33,812	23,30,032
1.36	MARQUEE - Ceremonies(Footprint:15.0mx10.0m)	20,22,359	32,32,391
1.37	MARQUEE - Press Conference(Footprint:25.0mx15.0m) of 3.5m height	35,94,609	72,30,736
1.38	MARQUEE - Asymmetrical lightweight fabric structures of 3.5m height	10,41,916	36,15,497
1.39	MARQUEE - Work force check-in and Break area(Footprint:12.0mx12.0m)	15,56,287	26,65,600
1.40	MARQUEE - Protocol office and Transport office(Footprint:6.0mx6.0m)	4,36,804	7,59,246
1.41	MARQUEE - Athletes Lounge(Footprint:15.0mx10.0m)	27,85,390	39,34,352
2 1	Venue Accreditation Help Office (VAHO) - SMALL(Footprint:5.0mx5.0m)	5,01,694	13,29,195

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
2 2	Venue Accreditation Help Office (VAHO) - MEDIUM(Footprint:5.0mx8.0m)	6,93,423	13,66,170
2 3	Venue Accreditation Help Office (VAHO) - LARGE(Footprint:5.0mx10.0m)	9,13,115	51,40,785
2 4	Catering Preparation(Footprint:5.0mx10.0m) - with water provision which must be fit for human consumption - gas connection provision - with heat sustenance and adequate ventilation	8,65,033	20,72,763
2 5	Catering Preparation (Footprint:10.0mx30.0m) - with water provision which must be fit for human consumption - gas connection provision - with heat sustenance and adequate ventilation	7,79,695	67,93,020
2 6	Spectator Food Concessions(Footprint:5.0mx5.0m) - 2 no. service counters at 1.1m high - Floor : 10cm raised timber floor, covered in plywood and vinyl (linoleum)	4,09,193	8,90,588
2 7	Logistics Bulk Storage(Footprint:10.0mx30.0m)	1,40,884	48,02,955
2 8	First Aid Station(Footprint:6.0mx6.0m) - open able glazing in accordance with the drawings	3,81,490	10,60,111
2 9	First Aid Station (Footprint:6.0mx10.80m) - Open able Window : 5no. 0.9m x 1.1m = 0.99m ² at three locations on the tent including - The examination room is to be furnished with a sink connected to the existing water and drainage system	3,81,185	17,98,542
2.010	Spectator Merchandising Concessions(Footprint:5.0mx5.0m) - 2 no. serving counters at 1.1m high - Floor : 10cm raised timber floor, covered in plywood and vinyl (linoleum) - 1 PSTN Line credit card	4,52,702	9,25,721
2.011	Spectator Merchandising Concessions (Footprint: 8.0mx19.0m) - Central room fully open able from one side. - Service counters to be provided and concessions to be catered uniformly on site as per contractors specs and in accordance with drawings - Floor : 10cm raised timber floor, covered in plywood and vinyl (linoleum) - 1 PSTN Line credit card	14,09,385	29,64,540
2.012	Media Lounge / Look of Games storage(Footprint:5.0mx5.0m)	4,49,394	26,12,194
2.013	Press Work Area(Footprint:15.0mx15.0m)	20,79,714	50,26,965
2.014	Mag and Bag Security -	81,985	57,21,795

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	Athletes(Footprint:3.0mx3.0m)		
2.015	Mag and Bag Security - Games Family / VIP(Footprint:3.0mx3.0m)	81,985	83,95,648
2.016	Mag and Bag Security - Media and Technical Official AND GAMES FAMILY(Footprint:5.0mx5.0m)	2,03,804	42,68,342
2.017	Mag and Bag Security - Work Force and Spectators(Footprint:5.0mx5.0m)	2,03,804	27,88,575
2.018	Mag and Bag Security - Work force (BOH)(Footprint:4.0mx6.0m)	1,96,190	56,31,764
2.019	Vehicle Check point - SINGLE POINT - TRUCKS(Footprint:6.0mx10.0m) Height 4.5m	4,20,718	9,19,319
2.020	Vehicle Check point - TWO POINT - VEHICLES(Footprint:6.0mx15.0m) Height 4.5m	5,65,336	13,35,380
2.021	Vehicle Screening point - TWO POINT - VEHICLES - PARALLEL(Footprint:10.0mx10.0m) Height 4.5m	1,52,686	14,83,150
2.022	Vehicle Check point - FOUR POINT - VEHICLES - PARALLEL(Footprint:10.0mx15.0m) Height 4.5m	1,56,731	21,20,343
2.023	Security Break Area / Security Retiring Room(Footprint:6.0mx18.0m)	1,53,121	19,25,831
2.024	Security Retiring Room(Footprint:15.0mx20.0m)	1,54,427	68,95,319
2.025	Security Break Area - Footprint:15.0mx8.0m	17,97,417	45,98,253
2.026	Security Break Area/ Work Force Break Area-Footprint:25.0mx15.0m	7,19,129	59,70,037
2.027	Security Break Area- Footprint:24.0mx18.0m	30,02,544	98,90,001
2.028	Security Break Area- Footprint:15.0mx15.0m	11,99,209	37,58,495
2.029	Security Break Area- Footprint:24.0mx18.0m	8,15,126	75,38,368
2.030	Security Break Area- Footprint:15.0mx10.0m	7,99,521	25,94,675
2.031	Security Break Area- Footprint:6.0mx5.0m	5,25,911	13,09,467
2.032	Staff Check-in / Check-out- Footprint:15.0mx20.0m	30,30,363	69,54,587
2.033	Security Break Area / Workforce Area- Footprint: 40.0mx10.0m - 65.8m internal partitions. The internal partitions divide the tent into 10 rooms with different usage - 10 windows of size 0.8m x 0.8m	30,01,806	1,42,37,353
2.034	Security Break Area / Worker Rest Area-Footprint:10.0mx5.0m	9,65,441	13,09,762
2.035	Golf Cart Storage & Charging Tents	2,36,710	15,75,343
2.036	Site Management Office / Media Lounge-Footprint:10.0mx15.0m	26,00,854	29,05,533
2.037	Site Management Office- Footprint:10.0mx10.0m	17,36,955	27,76,100

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
2.038	Sponsor Showcasing Concession- Footprint:5.0mx5.0m - 2 no. serving counters at 1.1m high	5,96,380	27,38,035
2.039	Sponsors Hospitality Lounge- Footprint:10.0mx10.0m	18,98,128	22,63,401
2.040	Sponsors Hospitality Lounge- Footprint:7.5.0mx15.0m - 15.0m x 2.5m balcony extension in front of tent	17,43,253	33,49,974
2.041	Spectator Ticket Rips	86,351	63,49,755
2.042	Spectator Info Desk- Footprint:3.0mx3.0m	79,461	2,59,114
2.043	Spectator Info Desk- Footprint:3.0mx3.0m	1,43,464	3,91,202
2.044	Stroller Storage for Spectators- Footprint:3.0mx3.0m	77,030	2,29,477
2.045	Athletes Lounge - <u>WARM UPAREA-</u> <u>Footprint:15.0mx15.0m</u>	34,10,348	41,25,257
2.046	<u>Athlete -Warm-up Area (COMPETITION</u> <u>MANAGEMENT)- Footprint:10.0mx5.0m</u>	10,64,857	12,32,256
2.047	Competition Management Room / Venue Result Room- Footprint:5.0mx5.0m	5,41,038	6,50,728
2.048	Athletes Rest Room- Footprint:5.0mx5.0m	5,07,685	5,71,192
2.049	Trampoline Height 6m - removable stairs with entry platform - Open able Window : 3no. 0.9m x 0.6.m = 0.54m ² at three locations on the tent The examination room is to be furnished with a sink connected to the existing drainage sewer system. Structural base: 90 cm above ground level.	24,21,880	31,31,905
2.050	Athletes Lounge / Athletes First Call Room- Footprint:10.0mx15.0m	23,15,160	26,99,706
2.051	Athletes Lounge- Footprint:20.0mx15.0m - 2 no. 5m internal glazed partition, - 1 no. 15m length internal partition of same height - 2 no. clear glass doors on the longer internal partition	40,99,728	52,06,025
2.052	Radio Distribution - Floor : provided with 'Pirelli' type antistatic flooring material	18,08,654	23,96,203
2.053	Technology - Floor : provided with 'Pirelli' type antistatic flooring material	10,03,155	14,73,325
2.054	Drivers Lounge- Footprint:5.0mx5.0m	4,45,560	5,02,313
2.055	Driver Lounge- Footprint:6.0mx15.0m	5,07,934	5,70,958
2.056	Drivers Lounge- Footprint:6.0mx5.0m	5,07,934	5,70,958
2.057	Drivers Lounge- Footprint:5.0mx10.0m	7,78,043	10,84,185
2.058	Drivers Lounge- Footprint:5.0mx15.0m	11,26,259	14,25,090

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
2.059	Drivers Lounge- Footprint:10.0mx15.0m	18,19,965	23,64,112
2.060	Drivers Lounge- Footprint:10.0mx25.0m	32,43,821	38,83,704
2.061	Workforce Break Area/ Athletes Lounge- Footprint:15.0mx10.0m	26,02,136	28,84,097
2.062	Staff Check-in / Check-out- Footprint:15.0mx15.0m - 2 no. 5m internal glazed partition, - 1 no. 15m length internal partition of same height - 25m internal partitions	32,72,365	42,71,644
2.063	Workforce / Site Management Office / Security Command Centre- Footprint:5.0mx10.0m	9,54,544	14,49,797
2.064	Staff Check-In- Footprint:5.0mx10.0m - Open able Window : 2 no. 0.9m x 1.1m + 1.2m x 1.1m at long side of tent	16,75,837	21,02,337
2.065	Work Force Area- Footprint: 10.0mx10.4m - 10.3m internal partitions length. This partition divides tent into 2 rooms with different usage. - 5 windows of size 0.8m x 0.8m	15,45,069	18,97,556
2.066	Workforce Break and Check-in-Area- Footprint:15.0mx5.0m	11,94,614	13,55,398
2.067	Catering Preparation- Footprint:15.0mx10.0m - with water provision which must be fit for human consumption - gas connection provision - with heat sustenance and adequate ventilation - 15A electrical sockets - 12 nos.	31,45,265	38,53,255
2.068	Catering Preparation- Footprint: 10.0mx10.0m - 1 No. Transportable Gable end - with water provision which must be fit for human consumption - gas connection provision - with heat sustenance and adequate ventilation - 15A electrical sockets - 10 no.	18,93,821	24,28,040
2.069	Workforce Satellite Break Area- Footprint:5.0mx5.0m - 2 no. service counters at 1.1m high - Floor : 10cm raised timber floor, covered in plywood and vinyl (linoleum)	3,26,453	5,27,466
2.070	First Aid Station- Footprint:5.0mx5.0m - open able glazing in accordance with the drawings	5,80,007	8,54,832
2.071	Spectator Merchandising Concessions- Footprint:10.0mx25.0m - Service counters to be provided and concessions to be catered uniformly on site as per contractors specs and in accordance with drawings - Floor : 10cm raised timber floor, covered in plywood and vinyl (linoleum)	32,65,489	49,49,677

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	- 1 PSTN Line credit card		
2.072	Media Lounge- Footprint:10.0mx15.0m	24,58,339	33,53,328
2.073	Press Work Area / Staff Work Area / Venue Operations- Footprint:15.0mx8.0m	28,49,788	45,22,093
2.074	Press Conference- Footprint:10.0mx15.0m	9,74,428	17,31,239
2.075	Security Break Area / Security Retiring Room- Footprint:5.0mx15.0m - 4 no. windows	11,84,892	13,34,437
2.076	Security Retiring Room- Footprint:15.0mx10.0m	20,01,232	33,91,073
2.077	Security Retiring Room- Footprint:15.0mx10.0m	21,55,255	23,93,874
2.078	Security Break Area/ Work Force Break Area- Footprint:20.0mx10.0m	34,29,372	37,53,318
2.079	Security Break Area- Footprint:10.0mx10.0m	15,48,620	16,25,261
2.080	Staff Check-in / Check-out- Footprint:10.0mx10.0m	14,92,177	18,38,147
2.081	Games Family Arrival Desk- Footprint:3.0mx3.0m	1,20,982	2,30,877
2.082	Weight Training room / FOP Equipment Storage- Footprint:15.0mx15.0m	24,82,914	34,35,584
2.083	Athletes Medical Area- Footprint:15.0mx25.0m	51,08,827	58,25,736
2.084	Athletes Medical Area- Footprint:15.0mx60.0m	1,16,39,054	1,64,32,322
2.085	Drivers Lounge- Footprint:6.0mx15.0m	12,81,058	16,04,825
2.086	Staff break area- Footprint:20.0mx10.0m Height 3m	33,59,355	38,04,539
2.087	Staff Check-In- Footprint:10.0mx10.0m - Transparent Gable End - Open able Window : 2 no. 0.9m x 1.1m + 1.2m x 1.1m at long side of tent	19,69,887	27,93,455
2.088	Timing & Scoring Control Room- Footprint: 10.8mx6.0m - Ceiling and Sides: Insulated Metal Sandwich Panel. - Floor : provided with 'Pirelli' type antistatic flooring material	12,74,300	27,25,969
2.089	Press Conference- Footprint:10.0mx15.0m Height 3.5m	30,19,349	34,49,103
2.090	Catering Preparation Area- Footprint:5.0mx5.0m - with water provision which must be fit for human consumption - gas connection provision - with heat sustenance and adequate ventilation - Floor : 10cm raised timber floor, covered in plywood and vinyl (linoleum) - 15A Sockets - 5 nos.	8,17,733	13,76,986
2.091	Bike Storage Area / Catering Storage- Footprint:10.0mx10.0m - 15A electrical sockets - 5 nos.	15,36,712	16,22,117

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
2.092	Golf Cart Storage & Charging Tents- Footprint:3.0mx3.0m	1,14,891	3,48,355
2.093	Drivers Lounge- Footprint:10.0mx10.0m	13,82,950	17,42,114
2.094	Press Work Area- Footprint:15.0mx25.0m	45,64,573	66,44,633
2.095	Athletes Shade Tents / Equipment Check / FOP Equipment Storage- Footprint:5.0mx3.0m	3,24,635	3,92,356
2.096	Director of Shooting- Footprint: 5.0mx3.0m Base raised 1.5m high.	3,24,635	3,92,356
2.097	Security Break Area/ Work Force Break Area- Footprint:10.0mx20.0m	26,38,992	45,73,685
2.098	Drivers Lounge (Footprint:10.0mx10.0m)	12,48,690	22,19,697
2.099	Drivers Lounge- Footprint:10.0mx10.0m	12,85,103	22,72,415
2.100	Athletes Lounge- Footprint: 10.0mx15.0m - 5 no. open able windows of size 0.8m x 0.8m to be allowed for. - Ceiling and Sides : Insulated Metal Sandwich panel	29,56,038	36,29,454
2.101	Workforce Break Area/ Athletes Lounge- Footprint:15.0mx10.0m	26,96,803	30,64,659
2.102	Staff Check-in / Check-out- Footprint:15.0mx8.0m - 2 no. 5m internal glazed partition, - 1 no. 15m length internal partition of same height - 12m internal full height partitions	15,19,964	32,97,962
2.103	Catering Preparation- Footprint: 10.0mx15.0m Height 3m - with heat sustenance & adequate ventilation - 16A electrical sockets - 5 no. - Air changing unit to be provided Structural base: 50 cm above ground level.	9,35,483	15,67,248
2.104	Venue Accreditation Help Office (VAHO) - MEDIUM- Footprint:15.0mx5.0m	6,74,622	10,67,310
2.105	Physiotherapy / Contractor Office / Press Lounge- Footprint:4.0mx9.0m - with water provision which must be fit for human consumption	7,36,561	15,13,566
3.01	Commentary Control Room (CCR)(Footprint:5.0mx10.0m)	7,76,439	12,06,418
3.02	Broadcast Information Office (BIO)(Footprint:3.60mx6.0m)	7,72,452	12,06,418
3.03	Timing & Scoring Control Room(Footprint:3.6mx6.0m)	8,47,538	30,88,626
3.04	Caterers Office / Logistic Office / Merchandising Office / Site Management Office / Cleaning & Waste Office / Broadcast / Venue Management Office(Footprint:15.0mx8.0m)	1,38,894	12,06,418
3.05	Ceremonies (double storey prefabricated office units)	8,01,224	18,48,779

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	connected with external staircase)(Footprint:15.0mx8.0m)		
3.06	Doping Control (Footprint:6.0mx14.40m)	24,03,671	48,25,673
3.07	Doping Control with 5 WC cubicle and sink in each(Footprint:10.6mx14.4m)	11,59,244	85,25,357
3.08	Athletes Doping & Medical Block with 4WC cubicles(Footprint:14.7mx11.7m)	8,83,141	96,06,107
3.09	Games family with 3WC, 2washbasins and 1 urinals.(Footprint:10.0mx40.0m)	12,93,378	2,23,41,083
3.10	Logistic Manager Office(Footprint:3.6mx6.0m)	8,01,224	12,06,418
3.11	Athletes Medical - SMALL with concertina door and sink(Footprint:6.0mx7.20m)	16,95,076	24,12,837
3.12	Athletes Medical - LARGE(Footprint:6.0mx10.80m)	25,42,614	36,19,255
3.13	Athletes First Aid / Doping Area with 3WC pans and 3 sinks(Footprint:10.0mx12.2m)	47,87,020	68,14,030
3.14	Press Operations(Footprint:10.0mx45.0m)	21,06,297	2,51,33,718
3.15	Sentry Post(Footprint:1.5mx1.5m)	88,285	1,25,668
3.16	Site Management Office / Competition Manager / Venue Results / Sports Volunteers(Footprint:3.6mx6.0m)	8,47,538	12,06,418
3.17	Athletes Change Room - LARGE with 5 shower cubicles(Footprint:7.20mx9.0m)	25,42,614	36,19,255
3.18	Athletes block(Footprint:55.0mx25.0m)	5,95,93,273	7,67,97,471
3.19	Athletes Block(Footprint:55.0mx25.0m)	73,25,317	1,04,27,142
3.20	Sports Presentation Room(Footprint:47.7mx12.7m)	8,47,538	12,06,418
3.21	Technical Officials / Time Scoring / Sports Volunteers(Footprint:3.6mx9.0m)	12,71,307	18,09,628
3.22	Ticket booth - SMALL (x 2) with 4nos open able glazing(Footprint:3.6mx4.2m)	5,93,277	8,44,493
3.23	Ticket booth - MEDIUM (x 4)(Footprint:3.6mx6.6m)	9,32,292	13,27,060
3.24	Ticket booth - LARGE (x 8)(Footprint:3.6mx11.4m)	16,10,322	22,92,195
3.25	Management Offices - Transport Manager office / Load Zone Supervisor(Footprint:3.6mx6.0m)	8,47,538	12,06,418
3.26	Venue Operation's (Footprint:5.0mx10.0m)	19,61,893	27,92,635
3.27	Venue Operations(Footprint:15.25mx45.0m)	2,69,26,986	3,83,28,920
3.28	Venue Operations(Footprint:30.0mx40.0m)	4,70,85,440	6,70,23,248
3.29	Work Force(Footprint:10.0mx40.0m)	1,55,43,004	2,23,41,083
3.30	Work Force Area(Footprint:8.0mx10.0m)	31,37,079	44,68,217
3.31	Sponsor Showcasing Concession with 2no serving counter 1.1 high(Footprint:5.0mx5.0m)	9,80,947	13,96,318
3.32	TSR / Sports Presentation (double storey prefabricated office units connected with external staircase) with 15 nos 15A electrical	16,17,723	30,99,800

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	sockets(Footprint:3.6mx9.6m)		
3.33	Ceremonies / Federation Offices / Games Family Lounge (double storey prefabricated office units connected with external staircase) (Footprint:17.2mx10.0m)	61,63,913	1,44,29,083
3.34	Venue Operations (Footprint:8.0mx20.0m)	62,78,059	89,36,433
3.35	Technical Officials Block (Footprint:18.0mx10.0m)	70,62,816	1,00,53,487
3.36	Timing & Scoring Control Room(Footprint:10.8mx6.0m)	25,42,614	36,19,255
3.37	Ticket booth - LARGE (x 10)(Footprint:3.0mx13.8m)	16,24,448	23,12,302
3.38	Ticket booth - LARGE (x 10)(Footprint:3.6mx12.0m)	16,95,076	24,12,837
4.01	Waterless toilets(Footprint:1.35mx1.35m) Supply, erection and dis-assembling of Waterless Toilets of a) Footprint - 1.35m x 1.35m with minimum internal height of 2.5m - 1 no. single door, - 1 no. WC pan and sink b) Material: - Ceiling and Sides: Insulated Metal Sandwich Panel. - Floor : provided with vinyl flooring throughout	57,813	5,14,625
4.02	Accessible Waterless toilets(Footprint:2.0mx2.5m) Supply, erection and dis-assembling of Waterless Toilets (for Physically Challenged) of a) Footprint - 2.0m x 2.5m with minimum internal height of 2.5m - 1 no. door - 1 no. WC pan and sinks - external accessible temporary ramp b) Material: - Ceiling and Sides: Insulated Metal Sandwich Panel. - Floor : provided vinyl flooring throughout	1,58,986	10,65,802
4.03	Prefabricated WC unit(Footprint:3.5mx3.0m) Supply, erection and dis-assembling of prefabricated WC unit of a) Footprint - 3.5m x 3.0m with minimum internal height of 2.5m - 2 no. external doors - 2 no. internal doors - 2 no. WC pans and 2 no. sinks - external accessible temporary ramp - necessary drainage and sewage connection to existing systems b) Material: - Ceiling and Sides: Insulated Metal Sandwich	5,01,348	7,27,448

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	Panel. - Floor : provided vinyl flooring throughout		
4.04	Prefabricated WC unit(Footprint:3.5mx10.0m) Supply, erection and dis-assembling of prefabricated WC unit of a) Footprint - 3.5m x 10.0m with minimum internal height of 2.5m - 2 no. external doors - 12 no. internal doors - 10 no. WC pans and 6 no. sinks and 4 no. urinals - necessary drainage and sewage connection to existing systems upto 50m - external accessible temporary ramp b) Material : - Ceiling and Sides : Insulated Metal Sandwich Panel. - Floor : provided vinyl flooring throughout	5,14,625	13,44,198
4.05	Prefabricated WC unit(Footprint:8.3mx3.1m) Supply, erection and dis-assembling of prefabricated WC unit of a) Footprint - 8.3m x 3.1m with minimum internal height of 2.5m - 1 no. doors - 6 no. WC pan and 4 no. sinks - external accessible temporary ramp b) Material : - Ceiling and Sides : Insulated Metal Sandwich Panel - Floor : provided vinyl flooring throughout	6,16,006	14,58,020
4.06	Prefabricated WC unit(Footprint:12.0mx3.6m) Supply, erection and dis-assembling of prefabricated WC unit of a) Footprint - 12.0m x 3.6m with minimum internal height of 2.5m - 2 no. external doors - 13 no. internal doors - 13 no. WC pans and 7 no. sinks - external accessible temporary ramp b) Material: - Ceiling and Sides: Insulated Metal Sandwich Panel. - Floor : The prefabricated WC unit shall be provided vinyl flooring throughout	6,16,006	13,99,547
5.01	Container (6.0mx2.5m) 6.0m x 2.5m container with double doors at one end and removable accessible ramp. Fire extinguishers to be supplied in accordance with relevant building code	98,034	3,95,175

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	regulations.		
5.02	Refrigerated Containers 6.0m x 2.5m refrigerated container with double doors at one end and removable accessible ramp. Fire extinguishers to be supplied in accordance with relevant building code regulations.	3,07,338	14,48,625
5.03	Chilled Containers 6.0m x 2.5m refrigerated container with double doors at one end and removable accessible ramp. Fire extinguishers to be supplied in accordance with relevant building code regulations.	3,07,338	16,32,623
6.01	External Fences Supply and installation of external venue perimeter fence, 2.5m high fence, erected in accordance with security requirements and vertical supports at distances no wider than 2.5m apart. The contractor will ensure that the fence structure is adequately fixed into the ground in order to support IMAGE AND IDENTITY fence fabric and withstand subsequent wind loads. Wherever necessary, the Contractor should allow for concrete foundations and cross bracing.	2,511	3,725
6.02	Internal Fences Supply and installation of temporary internal fence, 2.0m high fence, erected with galvanized steel poles at distances no wider than 2.5m apart and with rolled barbed wire fence stretched and fixed between the poles. The contractor will ensure that the poles are adequately fixed into the ground in order to support IMAGE AND IDENTITY fence fabric and withstand subsequent wind loads. Wherever necessary, the Contractor should allow for concrete foundations and cross bracing.	2,422	3,137
6.03	Spectator on route fences - bamboo Supply and installation of perimeter fence, 1.5m high fence, erected in accordance with security requirements and vertical supports at distances no wider than 2.5m apart. The contractor will ensure that the fence structure is adequately fixed into the ground in order to support IMAGE AND IDENTITY fence fabric and withstand subsequent wind loads. Wherever necessary, the Contractor should allow for concrete foundations and cross bracing.	39	12,153
6.04	Gate - Vehicles (2 doors each 2.0m wide) Supply and installation of galvanised steel gates consisting of 2 doors each 2.0m wide (4.0m opening for vehicular access - BOOM GATES)	4,914	95,397

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
6.05	Gate - Pedestrian (single door each 1 m wide) Supply and installation of galvanised steel gate consisting of a single door each 1.0m wide (1.0m opening for pedestrian access)	3,822	46,965
6.06	Barricades – Seating	1,872	13,208
6.07	Rope Line / Games Look String Lines	365	6,838
7.01	Wooden Structures (<50 cm height) Removable timber platforms and timber raised floors up to 50cm height. The Contractor should allow for pedestrian loads on these platforms.	3,550	10,347
7.02	Wooden Structures (>50 cm height) Removable timber platforms and timber raised floors taller than 50cm height. The Contractor should allow for pedestrian loads on these platforms.	7,071	11,932
8.01	Temporary grandstand seating tribunes- width 5.5 m, length 15.2m	7,965	16,855
8.02	Temporary grandstand seating tribunes. Size 1.8m x 40m, 1st row seating starting at a height of 1 m	7,919	11,651
8.03	Temporary seating grandstand tribunes. Size 1.8m x 40m, 1st row seating starting at a height of 2.1 m	7,919	16,533
8.04	Temporary seating grandstand tribunes, Size 8.1m x 40m, 1st row seating starting at a height of 1 m.	7,919	21,176
8.05	Temporary seating grandstand tribunes. Size 8.1m x 40m, 1st row seating starting at a height of 2.1 m	7,919	21,176
8.06	Temporary grandstand seating tribunes, footprint 8.1m, total 1485 seats	7,539	20,196
8.07	Temporary grandstand seating tribunes, footprint width 8.1m, length 55.50m, 900 seats	7,539	15,104
8.08	Front passage temporary seating grandstand tribunes	7,919	17,816
8.09	Front passage temporary seating grandstand tribunes	7,919	19,436
8.10	Front passage temporary seating grandstand tribunes	5,385	17,816
8.11	Front passage temporary seating grandstand tribunes. 1st row seating starting at a height of 2.1 m	7,919	13,363
8.12	Front passage temporary seating grandstand tribunes	7,919	17,496
8.13	Corner stand temporary seating tribunes	7,919	24,292
8.14	Corner stand temporary seating tribunes	7,919	24,292
8.15	Front access temporary grandstand seating tribunes	7,919	17,816
8.16	Front access temporary grandstand seating tribunes	7,919	17,816
8.17	Front access temporary grandstand seating tribunes	7,919	16,522
8.18	Front access temporary grandstand seating tribunes	7,919	19,436
8.19	Retractable grandstand seating tribunes	24,726	48,611
8.20	Retractable grandstand seating tribunes	24,726	48,611
8.21	Retractable grandstand seating tribunes	24,726	48,611

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
8.22	Retractable grandstand seating tribunes	24,726	48,611
8.23	Retractable grandstand seating tribunes	24,726	48,611
8.24	Retractable grandstand seating tribunes	24,726	48,611
8.25	Retractable grandstand seating tribunes	24,726	48,611
8.26	Retractable grandstand seating tribunes	24,726	48,611
8.27	Retractable grandstand seating tribunes	24,726	48,611
8.28	Retractable grandstand seating tribunes	19,020	48,611
8.29	Retractable grandstand seating tribunes	24,726	48,611
8.30	Retractable grandstand seating tribunes	24,726	48,611
8.31	Broadcast tribune platforms (COM CAM positions)	10,620	49,107
8.32	Broadcast tribune (3 positions)	13,697	77,044
8.33	Press tribune (3 positions)	13,697	77,044
8.34	Press tribune (2 positions)	13,697	51,362
8.35	Press tribune (1 position)	13,697	38,904
8.36	Tribune Platforms Structural steel platforms constructed to support Broadcast and Press tribunes (H<1.0m) The Contractor should allow for pedestrian loads on these platforms.	7,292	15,077
8.37	Camera Platforms (H<1.0m) Structural steel platforms constructed to support Broadcast Camera personnel and their equipment (H<1.0m) The Contractor should allow for pedestrian loads on these platforms.	7,292	31,419
8.38	Camera Platforms (1.0m<H<2.0m) Structural steel platforms constructed to support Broadcast Camera personnel and their equipment (1.0m < H < 2.0m) The Contractor should allow for pedestrian loads on these platforms.	9,722	12,517
8.39	Camera Platforms (H>2.0m) Structural steel platforms constructed to support Broadcast Camera personnel and their equipment (H > 2.0m) The Contractor should allow for pedestrian loads on these platforms.	13,368	16,020
8.40	Ramps - 1.4m wide ramp constructed to cover a height difference of up to 0.5m Pedestrian	5,715	93,382
8.41	Ramps - 1.4m wide ramp constructed to cover a height difference of 0.5m - 1.0m, Volunteer	11,431	1,24,207
8.42	Staircase - Steel staircase width 1.2m to cover height up to 1.0m	17,147	1,10,340
8.43	Staircase - Steel staircase width 1.2m to cover height greater than 1.0m	28,578	1,89,334
8.44	Temporary metal structure supporting canvas fabric as shading device	11,827	5,56,644

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
8.45	Sentry Posts (14 m high) Temporary metal structure supporting upto 14 mtrs. High with sentry platform on top with shade and a climbing ladder, with concrete base. The complete structure shall designed to withstand the wind load.	1,61,881	7,88,943
8.46	Steel (Raised floor below tent structure- contours) SUB TOTAL	6,859	1,63,215
8.47	High Scaffold post	60,764	3,23,030
8.48	Time Keepers (Manual) - having 4 steps of (1.5 x 2) to be made in wood and carpeted	21,042	1,21,528
8.49	Temporary Bridge -2.5 x 50mts	6,07,638	26,61,632
8.50	FRAMED STEEL STRUCTURE (SUB TOTAL) Framed steel structure designed to raise the temporary seating upto 3 meters above the ground level. The steel structure should be designed in such a way that it has intermediate spans to accommodate prefabricated office structures measuring 3.6m x 6.9m and clear height of 2.5m.	11,719	73,889
8.51	JUDGES BLINDS Protective structures on FOP having 2 sides open. The structure should be designed to protect the penetration of arrow through walls.	36,458	13,64,086
8.52	FOP BLINDS Protective structures on FOP having 2 sides open. The structure should be designed to protect the penetration of arrow through walls.	36,458	13,64,086
8.53	BLINDS / BOXES Protective structures on FOP having 2 sides open. The structure should be designed to protect the penetration of arrow through walls.	36,458	13,64,086
8.54	JURY PLATFORM (4.4.x5.4, 600mm) 4.4 X 5.4, 600mm High in having RAMP of width 1200mm on right hand side and railing 900mm high on three sides.	91,146	8,46,009
8.55	JURY PLATFORM(6x3.5, 600mm High) 6 X 3.5, 600mm High in having RAMP of width 1200mm on backside and railing 900mm high on three sides.	91,146	7,55,175
8.56	JURY PLATFORM (1.8 mtr.x 3.6 mtr, 350 mm High) 1.8 mtr X 3.6 mtr, 350mm High having a Step with riser 175mm, on the longer back side	68,418	6,82,043
8.57	REFREE PLATFORM (1350mmx1800mm, 350mm High) 1350 mm x 1800mm, 350mm High having a Step with riser 175mm, 1800mm long.	25,657	2,72,817
8.58	Temporary grandstand seating tribunes	9,722	24,031

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
8.59	Temporary grandstand seating tribunes.1st row seating starting at a height of 1 m	9,722	24,031
8.60	Temporary grandstand seating tribunes	9,722	24,031
8.61	Temporary grandstand seating tribunes.1st row seating starting at a height of 1 m	9,722	24,031
8.62	Temporary seating grandstand tribunes.1st row seating starting at a height of 1 m	9,722	24,031
8.63	Temporary seating grandstand tribunes.1st row seating starting at a height of 1 m	9,722	24,031
9 1	Safe Small FOH	8,973	20,515
9 2	Safe Small BOH	7,473	20,515
9 3	Cupboard Pigeon Holes FOH	14,440	56,664
9 4	Cupboard Pigeon Holes BOH	8,342	56,664
9 5	Bookcase 4 shelves FOH	8,206	13,404
9 6	Bookcase 4 shelves BOH	7,655	13,404
9 7	Cabinet 1020 high FOH	8,314	11,667
9 8	Cabinet 1020 high BOH	6,926	11,667
9 9	Cabinet 1800 high FOH	11,076	21,446
9.010	Cabinet 1800 high BOH	9,225	19,659
9.011	Security Locker Single Tier FOH	4,103	11,233
9.012	Security Locker Single Tier BOH	4,103	9,829
9.013	Security Locker 2 Tier FOH	7,750	11,784
9.014	Security Locker 2 Tier BOH	7,750	10,723
9.015	Cabinet Filing 2 drawer FOH	5,927	9,829
9.016	Cabinet Filing 2 drawer BOH	5,468	9,829
9.017	Cabinet Filing 4 drawer FOH	7,112	13,404
9.018	Cabinet Filing 4 drawer BOH	6,870	13,404
9.019	Bench Change Rooms FOH	3,738	25,558
9.020	Bench Change Rooms BOH	3,738	21,273
9.021	Chair Sofa 3 seater (Fabric) FOH	19,071	35,743
9.022	Chair Sofa 3 seater (Fabric) BOH	19,071	36,458
9.023	Chair Sofa Swivel FOH	7,112	13,404
9.024	Chair Sofa Swivel BOH	7,112	12,152
9.025	Chair Sofa 1 seater (Fabric) FOH	10,030	15,304
9.026	Chair Sofa 1 seater (Fabric) BOH	10,030	18,229
9.027	Chair Sofa 2 seater (Fabric) FOH	12,323	24,487
9.028	Chair Sofa 2 seater (Fabric) BOH	12,323	24,216
9.029	Chair Office FOH	3,556	7,595
9.030	Chair Office BOH	1,318	4,535
9.031	Visitor Chair Stackable FOH	1,542	3,476

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
9.032	Visitor Chair Stackable BOH	1,178	2,192
9.033	Chair Patio FOH	1,276	12,244
9.034	Chair Patio BOH	1,276	10,254
9.035	Chair Folding – Padded FOH	1,459	3,306
9.036	Chair Folding – Padded BOH	1,374	3,217
9.037	FOP Bench 1FOHx 430 FOH	4,467	9,183
9.038	FOP Bench 1FOHx 430 BOH	4,467	8,936
9.039	Sink Running Water FOH	11,496	36,383
9.040	Sink Running Water BOH	9,533	18,191
9.041	Stool, Clinic FOH	1,541	6,839
9.042	Stool, Clinic BOH	1,541	6,839
9.043	Curtain, Medical FOH	2,392	6,382
9.044	Curtain, Medical BOH	2,348	6,382
9.045	Examination Light FOH	2,804	6,900
9.046	Examination Light BOH	1,402	6,900
9.047	Medical Dressing Trolley FOH	9,070	23,524
9.048	Medical Dressing Trolley BOH	8,903	25,099
9.049	Crash Carts Trolley FOH	4,535	35,559
9.050	Crash Carts Trolley BOH	4,451	35,559
9.051	Message / Examination FOH	6,032	22,038
9.052	Message / Examination BOH	6,032	21,062
9.053	Office Partition FOH	4,873	25,256
9.054	Office Partition BOH	4,486	25,256
9.055	Fan Pedestal FOH	2,594	7,736
9.056	Fan Pedestal BOH	2,431	7,881
9.057	Whiteboard Easel FOH	2,994	8,264
9.058	Whiteboard Easel BOH	2,994	8,264
9.059	Whiteboard Large FOH	4,038	13,869
9.060	Whiteboard Large BOH	3,365	13,869
9.061	Coat Stand 1800 high FOH	2,188	4,915
9.062	Coat Stand 1800 high BOH	1,963	4,915
9.063	Clothes Rail FOH	2,243	6,341
9.064	Clothes Rail BOH	1,963	6,224
9.065	Mirror Standing H:160 cm FOH	1,682	5,362
9.066	Mirror Standing H:160 cm BOH	1,402	5,347
9.067	Wall Clock FOH	701	2,000
9.068	Wall Clock BOH	603	2,000
9.069	Notice Board FOH	3,101	5,362

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
9.070	Notice Board BOH	3,101	4,535
9.071	Umbrella Patio FOH	1,542	5,719
9.072	Umbrella Patio BOH	1,304	5,137
9.073	Traffic Cone FOH	322	1,139
9.074	Traffic Cone BOH	266	1,608
9.075	Stanchion Velour Rope FOH	86	4,467
9.076	Stanchion Velour Rope BOH	88	4,467
9.077	Post and Chain FOH	922	7,595
9.078	Post and Chain BOH	911	7,595
9.079	Water Filled Barrier FOH	4,486	21,883
9.080	Water Filled Barrier BOH	3,785	22,294
9.081	Pedestrian Barricade FOH	4,206	9,036
9.082	Pedestrian Barricade BOH	3,505	9,036
9.083	Press Table FOH	4,012	14,583
9.084	Press Table BOH	4,012	14,583
9.085	Office Table FOH	3,507	8,723
9.086	Office Table BOH	3,507	7,956
9.087	Table Patio 1540x1000 FOH	2,994	10,774
9.088	Table Patio 1540x1000 BOH	2,664	10,774
9.089	Table 1000 dia. FOH	3,084	9,946
9.090	Table 1000 dia. BOH	2,524	9,946
9.091	Table Folding 1200x760 FOH	3,191	10,774
9.092	Table Folding 1200x760 BOH	3,191	10,774
9.093	Table Folding 1800x760 FOH	4,285	7,191
9.094	Table Folding 1800x760 BOH	4,285	7,191
9.095	Table Folding 2400x760 FOH	5,288	9,946
9.096	Table Folding 2400x760 BOH	5,288	9,946
9.097	Table Poseur H:110 cm FOH	3,556	19,266
9.098	Table Poseur H:110 cm BOH	3,556	19,266
9.099	Table Television 1FOH High FOH	9,829	14,386
9.100	Table Television 1FOH High BOH	9,829	14,386
9.101	Coffee Table 1200x400 FOH	3,830	8,042
9.102	Coffee Table 1200x400 BOH	3,830	7,595
9.103	Reception Counter 1800x460 H:1150 FOH	8,297	26,808
9.104	Reception Counter 1800x460 H:1150 BOH	7,010	24,127
9.105	Security Search Table 2000x400 FOH	4,377	13,404
9.106	Security Search Table 2000x400 BOH	4,377	13,404
9.107	Table Patio complete with umbrella FOH	7,145	62,595

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
9.108	Table Patio complete with umbrella BOH	7,145	52,035
9.109	Refrigerator Large FOH	13,129	56,210
9.110	Refrigerator Large BOH	13,129	49,864
9.111	Refrigerator Small FOH	9,848	38,261
9.112	Refrigerator Small BOH	9,848	22,957
9.113	Barricades FOH	2,019	13,404
9.114	Barricades BOH	1,682	13,404
9.115	Security Bed FOH	5,927	16,085
9.116	Security Bed BOH	5,927	16,085
9.117	Curtains/ Curtain strips FOH	639	2,449
9.118	Door Mats FOH	322	939
9.119	Rubbish Bins (Small 15 litre) BOH	245	7,618
9.120	Magnetic Board FOH	3,191	9,829
9.121	Bookcase FOH	4,518	12,153
9.122	Hand Held Golf Umbrella FOH	939	1,459
9.123	Safe Large BOH	14,020	26,442
9.124	Lockable Cage FOH	4,535	21,883
9.125	Equipment Racks BOH	5,986	34,435
9.126	Open Shelves FOH	3,556	24,306
9.127	Photo Benches FOH	2,553	8,417
9.128	Lectern BOH	6,729	48,611
9.129	Barricade Tape - Apprx. Contractor to site measure BOH	274	5,357
9.130	Whiteboard Dry Erase Kit FOH	109	1,541
9.131	Clothes Steamer FOH	1,402	10,426
9.132	Loud hailer BOH	2,103	9,027
9.133	Witches Hats - Transport BOH	547	1,787
9.134	Curtains - Black Out FOH	2,524	30,382
9.135	Bookcase,5 shelf,Beech,(1.8w*0.3d*0.9h) FOH	3,556	21,446
9.136	Lockers Half, lock, Grey,(0.545w*0.603d*1.78h) BOH	6,076	13,404
9.137	Fridges Bar 110L FOH	7,922	18,132
9.138	Front surface mirros FOH	1,402	3,932
9.139	ICE BOX, Large, 70L FOH	4,467	16,070
9.140	ICE BOX, Medium, 27L FOH	2,644	8,417
9.141	Fridge 450L Lockable FOH	26,808	1,53,044
9.142	Caution Tapes BOH	161	396
9.143	Country Board FOH	1,318	36,458
9.144	Country Flag FOH	1,234	18,229

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
9.145	Folding Bed BOH	1,612	9,722
9.146	Fan - Pedestal, Commercial, 46cm High BOH	1,915	7,149
9.147	Fan - Pedestal, Domestic, 40cm High, White BOH	1,550	4,468
9.148	Colour TV FOH	19,659	36,265
9.149	Plasma TV FOH	28,460	72,917
9.150	Washing Machine & Dryer FOH	13,940	61,218
9.151	Computer terminals with network connection FOH	32,861	81,596
9.152	Printer FOH	5,457	21,446
9.153	Steel Racks 180cm x 180 cm x 60cm (depth). With 6 racks BOH	9,027	17,567
10.01	Public Display System - Large Size - 30'x20' Pitch 16mm, Including structural stand	1,71,36,255	2,26,90,426
10.02	Public Display System - Medium Size - 22'x16' Pitch 16mm, Including structural stand	1,03,26,603	1,46,30,019
10.03	Public Display System - Small Size - 16'x12' Pitch 10mm, Including structural stand	67,14,397	1,00,35,244
10.04	Public Display System - 6M x 3.3M Pitch 16mm, Including structural stand	63,46,328	1,14,72,857
10.05	Public Display System - 5M x 3M Pitch 16mm, Including structural stand	56,21,034	79,75,145
10.06	Public Display System - 6M x 3.3M Pitch 10mm, Including structural stand	63,46,328	1,20,91,508
10.07	Public Display System - 5M x 3M Pitch 10mm, Including structural stand	45,96,779	86,98,517
10.08	Public Display System, Size - Pitch 7m x 4m – 16mm, Including structural stand	85,73,768	1,48,41,836
11.01	Press Conference - 0.5cm thick carpet, colour to be determined by representative of OC	317	972
11.02	0,5 cm thick carpet, colour to be determined (Games Family Lounge, VIP Lounge, Federation Office, VVIP Lounge, Doping Control, Reception Office, Processing Area, Athletes Lounge etc.)	379	1,185
11.03	Technology - Non static 'PIRELLI' type PVC flooring applied to technology spaces	985	1,823
11.04	Mopable linoleum flooring in break / dining areas (Workforce break Area , Security break Area)	628	1,823
12.01	Machinery - Fork lift truck	2,23,370	6,30,100
12.02	Machinery - Hydraulic palette	48,611	1,37,868
12.03	Machinery - Golf cart	3,03,819	4,46,811
12.04	Machinery - Digger	7,24,964	16,00,181
12.05	Machinery - Mini trolley	7,169	15,758
12.06	Machinery - Office trolley	12,254	89,830
12.07	Machinery - Drum trolley	6,286	42,202

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
12.08	Machinery - Office Trailers	38,104	2,00,421
12.09	Machinery - Golf cart for People	3,03,819	4,46,811
12.10	Machinery - Golf cart stretchers	4,46,811	7,03,371
12.11	Machinery - Tugger & Trailer	70,953	9,01,894
12.12	Machinery - Crane for Container Lifting	10,88,181	28,99,819
12.13	Machinery - Helicopter (Rented for 1 day from Air Force) (TO BE ARRANGED BY DELHI GOVT.)	1,66,352	1,30,41,515
12.14	Machinery - Open SUVs	1,21,528	7,94,078
12.15	Machinery - Open Heavy Vehicle	1,31,394	8,43,487
12.16	Machinery - High Speed Motorcycles	24,306	4,15,880
12.17	4 Wheeler CNG Operated Goods Carrier	3,28,485	9,66,606
13.01	6A, 1 phase, plug points	305	2,449
13.02	16A, 1 phase, plug points	342	3,673
13.03	20A, 1 phase, plug points	917	3,673
13.04	32A, 1 phase, plug points	977	18,219
13.05	32A, 3 phase, plug points	2,322	22,775
13.06	4 plug, 5A, 1 phase extension boards	486	4,441
13.07	Surge Protector	616	31,581
13.08	3C x 2.5 mm ² Cu Armoured Cable with connection	123	546
13.09	3C x 4.0 mm ² Cu Armoured Cable with connection	243	1,035
13.10	4C x 4.0 mm ² Cu Armoured Cable with connection	167	458
13.11	4C x 6.0 mm ² Cu Armoured Cable with connection	243	608
13.12	4C x 10.0 mm ² Cu Armoured Cable with connection	379	672
13.13	4C x 16.0 mm ² Cu Armoured Cable with connection	543	855
13.14	3.5C x 25.0 mm ² Cu Armoured Cable with connection	111	1,099
13.15	3.5C x 35.0 mm ² Cu Armoured Cable with connection	965	1,528
13.16	3.5C x 50.0 mm ² Cu Armoured Cable with connection	1,388	2,431
13.17	3.5C x 70.0 mm ² Cu Armoured Cable with connection	573	2,688
13.18	3.5C x 95.0 mm ² Cu Armoured Cable with connection	2,534	3,646
13.19	3.5C x 120.0 mm ² Cu Armoured Cable with connection	3,137	4,521
13.20	3.5C x 150.0 mm ² Cu Armoured Cable with connection	4,706	7,189
13.21	3.5C x 185.0 mm ² Cu Armoured Cable with connection	4,827	9,076
13.22	DG Sets 1 KVA - 415V, 50 Hz, 1500 RPM	48,720	1,82,291

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
13.23	DG Sets 2 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	58,043	1,82,291
13.24	DG Sets 5 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	88,152	2,32,173
13.25	DG Sets 10 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	1,82,291	2,53,991
13.26	DG Sets 15 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	1,82,291	5,87,747
13.27	DG Sets 20 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	2,43,055	3,52,608
13.28	DG Sets 40 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	2,90,217	5,58,380
13.29	DG Sets 62.5 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall	3,48,260	6,07,638

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	comply to CPCB norms.		
13.30	DG Sets 82.5 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	4,06,303	8,81,620
13.31	DG Sets 125 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	4,93,368	10,30,862
13.32	DG Sets 180 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	6,09,455	12,28,508
13.33	DG Sets 200 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	7,25,541	13,47,970
13.34	DG Sets 250 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base.	9,28,692	16,45,016
13.35	DG Sets 300 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	10,44,779	20,20,258
13.36	DG Sets 380 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall	10,22,864	23,90,195

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	comply to CPCB norms.		
13.37	DG Sets 500 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	18,22,913	29,29,651
13.38	DG Sets 1000 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor Type in sound proof enclosure. The Diesel Engine shall with engine safety like Low Lube Oil Pressure (LLOP) and High Temperature (HT). Both the engine and the alternator shall be mounted on a common base. The DG sets shall comply to CPCB norms.	15,84,719	1,45,83,305
13.39	Fuel Oil Tank for Diesel Storage - Steel Tank 1500 lts. with motor and pipes to fill diesel in DG set.	25,497	1,17,550
13.40	Consumption of DG Power	11	73
13.41	Generator aux equipment	34,826	2,03,497
13.42	GI Pipe Earthing	5,040	9,496
13.43	Air conditioning HVAC - 2T	69,652	1,46,733
13.44	Air conditioning HVAC - 3T	92,869	2,64,120
13.45	Air conditioning HVAC - 5.5T	1,16,087	3,76,348
13.46	Air conditioning HVAC - 11T	2,03,151	7,47,005
13.47	Air conditioning HVAC - 150T	16,21,809	2,08,87,833
13.48	Power - 600VA Uninterruptible Power Supply -	2,371	60,688
13.49	Power - 1kVA Uninterruptible Power Supply -	5,581	1,13,790
13.50	Power - 2kVA Uninterruptible Power Supply -	60,764	2,57,924
13.51	Power - 5kVA Uninterruptible Power Supply -	1,82,291	4,93,089
13.52	Power - 10kVA Uninterruptible Power Supply -	4,86,110	11,27,726
13.53	Power - 20kVA Uninterruptible Power Supply -	6,03,795	10,48,760
13.54	Power - 40kVA Uninterruptible Power Supply -	10,36,653	14,99,000
13.55	Power - 60kVA Uninterruptible Power Supply -	12,13,758	17,46,715
13.56	Power - 180 kVA Uninterruptible Power Supply -	14,54,100	60,76,377
13.57	Power - 200kVA Uninterruptible Power Supply -	18,85,406	62,72,892
13.58	Power - 250kVA Uninterruptible Power Supply -	20,73,947	72,91,652
13.59	Power - 320kVA Uninterruptible Power Supply -	23,75,612	2,43,05,508
13.60	Power - 400kVA Uninterruptible Power Supply -	26,39,569	5,46,87,394
14.01	Portable Site Lighting Portable lighting units with flood lights for use at compounds	6,623	2,27,580
14.02	High Mast Site Lighting	3,03,440	16,21,881

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
	30M high tubular Lighting Mast with raising / lowering lantern carriage consisting of Flood Lights		
14.03	Fixed Flood Lighting Poles Fixed lighting poles of 11M height with flood lights	65,697	3,22,404
14.04	Portable Fire Extinguishers	3,939	7,969
14.05	Desk Lamp plus Light globe	646	3,793
14.06	Lamp Adjustable, 1.35m High	646	22,758
14.07	Emergency Light	608	3,951
15.01	Gypsum Dry wall construction	1,765	3,082
15.02	Glazed office partitions	2,759	12,153
15.03	Block work Partition	98	5,078
15.04	Demolition of wall	98	13,368
15.05	DECKING Wooden platform / pathway raised 150mm above the ground constructed on steel base frame covered with plywood and finished with weatherproof material. The structure should be designed to take appropriate pedestrian live loads throughout. The steel should be painted or galvanized to protect it from rusting. Adequate steps should be taken to ensure that the decking supports do not punch in case of water logging.	3,416	7,671
15.06	FOP Matting	1,051	23,014
15.07	Minor Works - Carpentry, Painting, Venue Alterations etc	392	5,467
16.01	Phlebotomy Chair	39,238	1,18,526
16.02	Biohazard Waste Bags	6	3,068
16.03	Ice Making Machine 400 Kg	27,870	4,86,110
16.04	Ice Making Machine 50 Kg	32,220	1,45,833
16.05	Biodegradable Garbage Bags	6	3,068
16.06	Garbage Solid Waste Bags	4	3,068
16.07	Garbage Solid Waste Container 6' x 6'	7,194	1,16,446
17.01	Mist Station a) Each mist station consists of ten no. shower heads in sequence activated by sensors b) Connecting to existing water source c) Generator power to be provided	2,91,799	6,20,160
17.02	Hydrotherapy Pool Facilities Provision and installation of hydrotherapy pools at training venues a) The pools will be provided and connected to the existing water source.	7,22,666	11,85,148
17.03	Treadmill	4,03,603	8,83,953

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
17.04	Cross Trainer	1,46,765	8,01,066
17.05	Stepper	5,706	3,06,087
17.06	Multi Gym - 12 stations with pulley and leg extension cables	2,20,147	9,01,484
17.07	Adjustable Benches : Normal	24,306	1,23,621
17.08	Adjustable Benches : Inclined	24,306	1,38,456
17.09	Adjustable Benches : Declined	24,306	1,55,763
17.10	Weights, Dumbbells and Barbells	85	317
17.11	Vibrators	15,215	49,864
17.12	Twisters	3,803	29,353
17.13	Skipping Ropes	480	1,268
17.14	Gym Mirrors - Full Height	2,435	15,305
18.01	Specialized labour	135	435
18.02	Un-specialized labour	68	308
18.03	Site clearing of land fill, construction debris and other materials in order to create tent or pref. structure hard stand	51	486
19.01	MPC Custom Welcome Desk with Feature Wall	7,621	78,152
19.02	Long Range High Speed Laser Head with tripod	30,220	1,30,793
19.03	Environmental Unit	5,256	1,43,872
19.04	Ambient Air Temperature Sensor (wavelength compensation)	1,182	1,17,714
19.05	Material Temperature Sensor (machine thermal expansion compensation)	8,507	1,56,951
19.06	Optics - Linear, Angular, Flatness, Straightness (10' short range & 100' long range)	8,507	1,70,031
19.07	Precision Rotary Index Table AA GAGE Ultradex 360 degree x 1 degree increment.	12,088	1,83,110
19.08	Tissue Paper Boxes	84	295
19.09	Low Oxygen Hypoxia for 6 users in 1 room	2,61,586	2,57,84,558
20.01	3M or equivalent Black out film applied to skylight windows around FOP	263	1,841
20.02	Automatic shower sprinklers	13,140	1,82,291
20.03	Sports Information Display Board	6,076	34,307
20.04	Mosquito Repellent	114	188
20.05	Designated Lane Marker Tapes	365	1,580
20.06	First Aid Kit	938	6,711
20.07	Reflex Hammer	90	4,741
20.08	Light Angle poised on castors	1,215	15,804
20.09	Tissue Paper Towels	62	3,751
20.1	Tissue Rolls	22	3,751

Code	Items	Lowest Rate contracted by OC	Highest rate contracted by OC
20.11	Bathroom shelves	972	5,627
20.12	Concrete Boxes	1,215	9,379
20.13	Blue Paint	263	1,215
20.14	White Paint	263	1,215
20.15	Table Cloth - Green	328	1,903
20.16	Table cloth -White	328	1,903
20.17	Table cloth -Red	328	1,903
20.18	Table cloth -Yellow	328	1,903
20.19	Brush	65	1,841
20.2	Water Jug	152	1,944
20.21	Plastic Rope in 5m	38	2,762
20.22	Disposable Glasses	1	37
20.23	Toiletries	789	9,515
20.24	Office Stationary (Paper, Stapler, Resister, pens, pencils etc,)	657	9,246
20.25	Air Freshener	266	1,456
20.26	Tissue Paper Dispenser	654	4,652
20.27	Liquid Soap Dispenser	187	9,379
20.28	Water Dispenser - 20 Lts.	1,776	32,986
20.29	Canopy	1,944	37,086

(Amount in Rs.)

Vendors	Clusters	Value of the items at the lowest rate Items wise across the clusters	Contract Value	Avoidable Amount
ESAJV	Cluster V	49,49,81,023	84,25,86,312	34,76,05,289
PICO	Cluster I	75,18,88,124	1,23,95,97,128	48,77,09,004
PICO	Cluster VI	55,46,69,972	85,24,55,662	29,77,85,690
Nussli	Cluster II	37,08,21,436	57,47,77,574	20,39,56,138
Nussli	Cluster IV	50,12,00,455	70,42,21,779	20,30,21,324
GL	Cluster III	49,35,43,588	77,63,10,843	28,27,67,255
GL	Cluster VII	55,28,19,552	72,36,49,986	17,08,30,434
Total		3,71,92,85,339	5,71,35,99,284	1,99,36,75,134

Annexe - 9.2:

(Amount in Rs.)

Statement showing the difference in rate for power consumption & the excess expenditure thereto								
Sl. No.	Name of the Vendor	Cluster No.	Rate Quoted (in agreement)	Lowest Rate (in the agreement of Pico)	Total Unit as per Agreement	Total Expenditure (On the basis of the quoted rate of the vendor)	Expenditure based on the lowest rate	Excess Expenditure
1	M/s Pico-Deepali	I	14	11	26,26,083	3,67,65,162	2,88,86,913	78,78,249
2	M/s Nussli	II	73	11	5,17,360	3,77,67,280	56,90,960	3,20,76,320
3	M/s GL Meroform	III	27	11	1,89,936	51,28,272	20,89,296	30,38,976
4	M/s Nussli	IV	73	11	4,62,768	3,37,82,064	50,90,448	2,86,91,616
5	M/s ESAJV	V	68	11	1,67,100	1,13,62,800	18,38,100	95,24,700
6	M/s Pico - Deeplai	VI	11	11	71,100	7,82,100	7,82,100	0
7	M/s GL Meroform	VII	27	11	27,000	7,29,000	2,97,000	4,32,000
						1,26,316,678	4,46,74,817	8,16,41,861

Annexe 9.3: Instances of Different Rates charged by the same vendor**(Amount in Rs.)**

Code	Items	Unit	Qty I	Rate Pico I	Qty VI	Rate Pico VI	Excess amt (Rs)
1.33	Ceremonies-s footprint-20.0mx25.0m	No.	1	77,87,077	0	65,56,219	12,30,858
1.34	Ceremonies- footprint-15.0mx25.0m	No.	2	46,80,091	0	39,40,336	14,79,510
1.35	Ceremonies Footprint-8.0mx12.0m	No.	1	15,84,220	0	13,33,812	2,50,408
1.36	Ceremonies- footprint-15.0mx10.0m	No.	2	24,02,035	0	20,22,359	7,59,352
1.37	Press Conference- Footprint-25.0mx15.0m	No.	2	42,69,458	0	35,94,609	13,49,698
2 1	Venue Accreditation Help Office (VAHO)-Footprint- 5.0mx5.0m	No.	1	5,26,523	8	5,01,694	24,829
2 2	Venue Accreditation Help Office (VAHO) Footprint- 5.0mx8.0m	No.	3	7,27,741	4	6,93,423	1,02,954
2 5	Catering Preparation-Footprint 10.0mx30.0m	No.	1	67,93,020	0	64,72,688	3,20,332
2 6	Spectator Food Concessions- Footprint-5.0mx5.0m	No.	10	6,47,170	17	6,16,652	3,05,180
2.010	Spectator Merchandising Concessions- Footprint-5.0mx5.0m	No.	15	5,63,329	7	5,36,765	3,98,460
2.019	Vehicle Check point-SINGLE POINT-TRUCKS- Footprint-6.0mx10.0m	No.	1	9,19,319	5	8,75,966	43,353
2.020	Vehicle Check point-TWO POINT-TRUCKS- Footprint-6.0mx15.0m	No.	4	13,35,380	7	12,72,408	2,51,888
2.024	Security Retiring Room- Footprint-15.0mx20.0m	No.	3	40,32,550	1	38,42,390	5,70,480
2.029	Security Break Area-Footprint-24.0mx18.0m	No.	2	75,38,368	0	71,82,887	7,10,962
2.033	Security Break Area/Workforce Area-	No.	1	79,77,256	0	76,01,078	3,76,178

Code	Items	Unit	Qty I	Rate Pico I	Qty VI	Rate Pico VI	Excess amt (Rs)
	Footprint-40.0m x 10.0m						
2.036	Site Management Office/Media Lounge	No.	2	27,93,797	0	26,62,052	2,63,490
2.038	Sponsor Showcasing Concession- Footprint- 5.0m x 5.0m	No.	15	6,25,895	8	5,96,380	4,42,725
2.046	Athlete Warm-up Area (COMPETITION MANAGEMENT)	No.	1	12,32,256	0	11,74,147	5,81,09
2.047	Competition Management Room/Venue Result Room	No.	5	5,67,814	28	5,41,038	1,33,880
2.050	Athletes Lounge/Athletes First Call Room- Supply, erection and dis-assembling tent of Footprint-10.0m x 15.0m	No.	2	26,61,747	0	25,36,230	2,51,034
2.051	Athletes Lounge-Supply, erection and dis-assembling tent of Footprint-20 m x 15.0m	No.	1	43,02,623	0	40,99,728	2,02,895
2.054	Drivers Lounge-f Footprint-5.0.m x5.0m	No.	1	5,02,313	8	4,78,626	23,687
2.060	Drivers Lounge-Footprint-10.0m x 25.0m	No.	1	38,65,916	0	36,83,614	1,82,302
2.068	Catering Preparation-Footprint 10.0mx10.0m	No.	1	24,28,040	1	23,13,543	1,14,497
2.070	First Aid Station-Footprint-5.0m x5.0m	No.	7	6,34,992	5	6,05,048	2,09,608
2.073	Press Work Area/Staff Work Area/Venue Operations- Footprint-10.0m x 15.0m	No.	10	29,90,824	1	28,49,788	14,10,360
2.082	Weight Training room/FOP Equipment Storage- Footprint-15.0m x 15.0m	No.	2	31,74,227	0	30,24,542	2,99,370
2.083	Athletes Medical Area-Footprint-15.0m x 25.0m	No.	2	53,61,663	0	51,08,827	5,05,672
3.080	Athletes Doping & Medical Block	No.	1	96,06,107	0	80,50,697	15,55,410
3.130	Athletes First	No.	2	68,14,030	0	57,10,710	22,06,640

Code	Items	Unit	Qty I	Rate Pico I	Qty VI	Rate Pico VI	Excess amt (Rs)
	Aid/Doping Area-Footprint 10.0m x 12.20m						
3.170	Athletes Change Room-LARGE Footprint - 7.20x9 m	No.	2	36,19,255	2	30,33,229	11,72,052
3.230	Ticket both-MEDIUM(x4)-prefabricated office unit	No.	2	13,27,060	4	11,12,184	4,29,752
3.250	Management Offices-Transport Manager Office/Load Zone-Footprint-3.6mx6.0m	No.	1	12,06,418	5	10,11,076	1,95,342
3.380	Ticket both-LARGE(x10) Footprint-3.6m x12.0m	No.	1	24,12,837	0	20,22,153	3,90,684
4.020	Accessible Waterless toilets-Footprint-2.0m x2.5m	No.	4	1,86,647	9	1,58,986	1,10,644
4.030	Prefabricated WC unit-Footprint-3.5mx3.0m	No.	6	7,27,448	20	6,19,644	6,46,824
4.050	Prefabricated WC unit-Footprint-8.3mx3.1m	No.	14	12,01,871	19	10,23,759	24,93,568
4.060	Prefabricated WC unit-Footprint-12.0mx3.6m	No.	18	13,99,547	7	11,92,140	37,33,326
6.01	External Fences	mtr	520	2,945	3,350	2,511	2,25,680
6.02	Internal Fences	mtr	5830	2,945	6,125	2,511	25,30,220
6.04	Gate-Vehicles	No.	49	5,763	85	4,914	41,601
6.05	Gate-Pedestrian	No.	44	4,482	66	3,822	29,040
7.01	Wooden Structure-removable timber platforms and timber raised floors up to 50 cm height	Sq. mtr.	1315	4,578	342	3,550	13,51,820
8.33	Press tribune (3 positions)	Sq. mtr.	175	77,044	91	64,564	21,84,000
8.36	Tribune Platform	Sq. mtr.	58	9,917	342	8,310	93,206
8.37	Camera Platform-Structural steel platforms constructed to support Broadcast and Press tribunes (H<1.0m)	Sq. mtr.	40	9,917	33	8,310	64,280
8.41	Ramps-height difference upto 1.0m, volunteer	No.	2	13,641	11	11,431	4,420
8.44	Temporary metal	No.	2	14,112	12	11,827	4,570

Code	Items	Unit	Qty I	Rate Pico I	Qty VI	Rate Pico VI	Excess amt (Rs)
	structure supporting canvas						
8.45	Sentry Posts	No.	12	3,41,022	34	4,57,251	39,51,786
8.54	Jury Platform-4.4.x5.4, 600mm High in having RAMP width 1200mm on right hand side and railing 900 high on three sides	No.	1	3,38,173	0	2,83,395	54,778
8.55	Jury Platform-4.4.x5.4, 600mm High in having RAMP width 1200mm	No.	1	3,05,119	0	2,55,695	49,424
8.56	Jury Platform-1.8mtrx3.6mtr, 350mm High having a step with riser 175mm,1800mm long	No.	1	6,82,043	0	5,71,564	1,10,479
8.57	Referee Platform-1350mmx1800mm High having a Strip with riser 175mm, 1800mm long	No.	3	2,72,817	0	2,28,625	1,32,576
8.58	Temporary grandstand seating tribunes, footprint size 9.0mx40m with total number of 224 seats	per seat	176	24,031	0	20,907	5,49,824
8.59	Temporary grandstand seating tribunes, footprint size 9.0mx40m with total number of 192 seats	per seat	196	24,031	0	20,907	6,12,304
8.6	Temporary grandstand seating tribunes, footprint width 12.7m, length 40 with total number of 392 seats	per seat	392	24,031	0	20,907	12,24,608
8.61	Temporary grandstand seating tribunes, footprint size 9.0mx40m with total number of 288 seats	per seat	294	24,031	0	20,907	9,18,456
8.62	Temporary grandstand seating tribunes, footprint size 15.4mx40m with total number of 224 seats	per seat	448	24,031	0	20,907	13,99,552

Code	Items	Unit	Qty I	Rate Pico I	Qty VI	Rate Pico VI	Excess amt (Rs)
8.63	Temporary grandstand seating tribunes, footprint size 8.7mx40m with total number of 112 seats	per seat	120	24,031	0	20,907	3,74,880
9 1	Safe Small FOH	No.	5	9,795	50	8,973	4,110
9 2	Safe Small BOH	No.	8	8,157	8	7,473	5,472
9 3	Cupboard Pigeon Holes FOH	No.	60	15,764	110	14,440	79,440
9 4	Cupboard Pigeon Holes BOH	No.	1	9,106	4	8,342	764
9 5	Bookcase 4 shelves FOH	No.	5	10,912	13	9,996	4,580
10.01	Display system large size- 30'x20' Pitch 16mm, inc. Stand	No.	4	2,26,90,426	8	1,06,73,920	4,80,66,024
10.04	Public Display System-6Mx3.3M Pitch 16mm, including structural stand	No.	1	76,85,467	0	63,46,328	13,39,139
10.05	Public Display System-5Mx3M Pitch 16mm, including structural stand	No.	1	68,07,128	0	56,21,034	11,86,094
10.7	Public Display System-5Mx3M Pitch 10mm, including structural stand	No.	2	68,43,725	1	56,51,254	23,84,942
11.01	PressConference-0.5 thick carpet	Sq. mtr.	530	767	342	637	68,900
11.02	0.5 cm thick carpet	Sq. mtr.	4125	1,185	2050	985	8,25,000
11.03	Technology- Non static ;PIRELLI' type	Sq. mtr.	470	1,185	1325	985	94,000
12.03	Machinery-Golf cart	No.	5	4,04,235	18	3,54,763	2,47,360
12.11	Machinery-Tugger & Traller	No.	2	80,847	6	70,953	19,788
13.01	6A, 1 phase, plug pints	No.	810	359	1,208	305	43,740
13.02	16A, 1 phase, plug points	No.	352	402	456	342	21,120
13.03	20A, 1 phase, plug points	No.	75	1,077	152	917	12,000
13.04	32A, 1 phase, plug points	No.	60	1,148	76	977	10,260
13.05	32A, 3 phase, plug points	No.	31	2,728	41	2,322	12,586
13.06	4 Plug, 5A, 1 phase extension boards	No.	780	646	981	550	74,880

Code	Items	Unit	Qty I	Rate Pico I	Qty VI	Rate Pico VI	Excess amt (Rs)
13.07	Surge Protector	No.	230	31,581	421	26,883	10,80,540
13.31	DG sets 125 KVA-415V, 50Hz, 1500 RPM	No.	2	5,65,125	13	4,93,368	1,43,514
13.34	DG sets 250 KVA-415V, 50Hz, 1500 RPM	No.	3	10,63,765	9	9,28,692	4,05,219
13.35	DG sets 300 KVA-415V, 50Hz, 1500 RPM	No.	3	11,96,736	4	10,44,779	4,55,871
13.39	Fuel Oil Tank for Diesel Storage-Steel Tank 1500 lts with motor pipes	No.	19	39,891	24	34,826	96,235
13.4	Consumption of DG Power	kw	26,26,083	14	71100	11	78,78,249
13.41	Generator aux equipment	No.	53	39,891	40	34,826	2,68,445
13.42	GI Pipe Earthing	No.	98	6,648	128	5,804	82,712
13.51	Power-5kVA Uninterruptable Power Supply	No.	9	22,46,37	5	2,19,186	49,059
13.52	Power-10kVA Uninterruptable Power Supply	No.	3	5,62,300	4	5,48,654	40,938
13.53	Power-20kVA Uninterruptable Power Supply	No.	12	6,15,986	27	6,03,795	1,46,292
13.54	Power-40kVA Uninterruptable Power Supply	No.	6	10,96,344	9	10,36,653	3,58,146
13.55	Power-60kVA Uninterruptable Power Supply	No.	6	13,56,301	14	13,23,386	1,97,490
13.56	Power-180kVA Uninterruptable Power Supply	No.	2	15,25,839	6	14,80,104	91,470
13.57	Power-200kVA Uninterruptable Power Supply	No.	3	62,72,892	1	61,20,664	4,56,684
14.01	Portable Site Lighting	No.	30	9,482	32	7,884	47,940
14.05	Desk Lamp plus Light globe	No.	90	2,370	185	1,971	35,910
14.06	Lamp Adjustable, 1.35m High	No.	150	7,901	275	6,569	1,99,800
14.07	Emergency Light	No.	5	3,951	273	3,285	3,330
15.01	Gypsum Dry wall construction	Sq. mtr.	1,200	3,082	3650	2,562	6,24,000

Code	Items	Unit	Qty I	Rate Pico I	Qty VI	Rate Pico VI	Excess amt (Rs)
15.02	Glazed Office partitions	Sq. mtr.	240	3,319	742	2,759	1,34,400
15.03	Block work Partition	Sq. mtr.	250	2,370	780	1,971	99,750
15.04	Demolition of wall	Cu.mtr	10	3,951	142	3,285	6,660
16.01	Phlebotomy Chair	No.	2	1,18,526	0	98,546	39,960
16.04	Ice Making Machine 50 Kg	No.	4	1,06,299	0	83,961	89,352
16.07	Garbage Solid Waste Container 6"x6"	No.	2	1,16,446	0	91,976	48,940
17.020	Hydrotherapy Pool Facilities	No.	2	8,41,741	6	7,22,666	2,38,150
17.030	Treadmill	set	2	5,35,654	14	4,59,879	1,51,550
17.040	Cross Trainer	set	2	2,65,531	14	2,27,968	75,126
17.050	Stepper	set	2	3,06,087	14	2,62,788	86,598
17.060	Multigym-12 stations with pulley and leg extension cables	set	2	5,89,219	14	5,05,867	1,66,704
17.070	Adjustable Benches: Normal	set	2	30,609	14	26,279	8,660
17.080	Adjustable Benches: Inclined	set	2	32,139	14	27,593	9,092
17.090	Adjustable Benches: Declined	set	2	33,670	14	28,907	9,526
17.100	Weights, Dumbbells and Barbells	kg	1000	153	7,000	131	22,000
17.110	Vibrators	Set	2	30,609	14	26,279	8,660
17.130	Skipping Ropes	set	2	559	14	480	158
17.140	Gym Mirrors-Full Height	set	17	15,305	14	13,140	36,805
19.050	Material Temperature Sensor (machine thermal expansion compensation)	No.	1	13,433	15	11,169	2,264
20.01	3M or equivalent Black out film applied to skylight windows around FOP	Sq. mtr.	300	316	5,469	263	15,900
20.05	Designated Lane Marker Tapes	No.	50	1,580	333	1,314	13,300
20.06	First Aid Kit	No.	4	4,741	120	3,942	3,196
20.09	Tissue Paper Towels	No.	25	1,580	208	1,314	6,650
20.11	Bathroom shelves	No.	100	1,580	2	1,314	26,600
20.22	Disposable Glasses	No.	25,000	2	0	1	25,000
20.23	Toiletries	No.	7	948	13	789	1,113
20.24	Office Stationary (Paper, Stapler,	Lot	7	790	22	657	931

Code	Items	Unit	Qty I	Rate Pico I	Qty VI	Rate Pico VI	Excess amt (Rs)
	Register, Pens, Pencils etc.)						
20.25	Air Freshener	No.	30	790	244	657	3,990
20.26	Tissue Paper Dispenser	No.	45	1,897	340	1,577	14,400
20.27	Liquid Soap Dispenser	No.	45	1,501	290	1,248	11,385
20.28	Water Dispenser - 20 lts.	No.	500	11,852	845	9,855	9,98,500
						Total	11,06,31,180

Annexe- 9.4 Comparison of rates by CIF value**(CIF- Cost, Insurance, Freight, declared to customs)****(Amount in Rs.)**

Code	Items	Lowest Rate charged to OC	Mkt Rate/Cost declared to custom	Percentage	Vendor
9 003	Cupboard Pigeon Holes FOH	14,440	5,200	178	Pico
9 006	Bookcase 4 shelves BOH	7,655	2,840	170	Pico
9.101	Coffee Table 1200x400 FOH	3,830	1,500	155	Pico
9.102	Coffee Table 1200x400 BOH	3,830	1,500	155	Pico
9.060	Whiteboard Large BOH	3,365	1,420	137	Pico
9.062	Coat Stand 1800 high BOH	1,963	830	137	Pico
9.005	Bookcase 4 shelves FOH	8,206	3,470	136	Pico
9.007	Cabinet 1020 high FOH	8,314	3,520	136	Pico
9.001	Safe Small FOH	8,973	3,870	132	Pico
9.087	Table Patio 1540x1000 FOH	2,994	1,300	130	Pico
9.133	Witches Hats - Transport BOH	547	250	119	Pico
9.070	Notice Board BOH	3,101	1,420	118	Pico
9.103	Reception Counter 1800x460 H:1150 FOH	8,297	3,850	116	Pico
9.031	Visitor Chair Stackable FOH	1,542	720	114	Pico
9.059	Whiteboard Large FOH	4,038	1,890	114	Pico
9.061	Coat Stand 1800 high FOH	2,188	1,030	112	Pico
9.088	Table Patio 1540x1000 BOH	2,664	1,300	105	Pico
9 9	Cabinet 1800 high FOH	11,076	5,460	103	Pico
9.089	Table 1000 dia. FOH	3,084	1,550	99	Pico
9 8	Cabinet 1020 high BOH	6,926	3,520	97	Pico
9.063	Clothes Rail FOH	2,243	1,160	93	Pico
9.065	Mirror Standing H:160 cm FOH	1,682	870	93	Pico
9 2	Safe Small BOH	7,473	3,870	93	Pico
9.095	Table Folding 2400x760 FOH	5,288	2,800	89	Pico
9.096	Table Folding 2400x760 BOH	5,288	2,800	89	Pico
9.015	Cabinet Filing 2 drawer FOH	5,927	3,150	88	Pico
9.094	Table Folding 1800x760 BOH	4,285	2,300	86	Pico
9 4	Cupboard Pigeon Holes BOH	8,342	4,780	75	Pico
9.035	Chair Folding - Padded FOH	1,459	840	74	Pico

9.114	Barricades BOH	1,682	980	72	Pico
9.093	Table Folding 1800x760 FOH	4,285	2,500	71	Pico
9.064	Clothes Rail BOH	1,963	1,160	69	Pico
9.010	Cabinet 1800 high BOH	9,225	5,460	69	Pico
9.120	Magnetic Board FOH	3,191	1,890	69	Pico
9.092	Table Folding 1200x760 BOH	3,191	1,900	68	Pico
9.099	Table Television 1FOH High FOH	9,829	5,940	65	Pico
9.100	Table Television 1FOH High BOH	9,829	5,940	65	Pico
9.069	Notice Board FOH	3,101	1,880	65	Pico
9.032	Visitor Chair Stackable BOH	1,178	720	64	Pico
9.036	Chair Folding - Padded BOH	1,374	840	64	Pico
9.091	Table Folding 1200x760 FOH	3,191	2,000	60	Pico
9.130	Whiteboard Dry Erase Kit FOH	109	70	56	Pico
9.037	FOP Bench 1FOHx 430 FOH	4,467	2,900	54	Pico
9.038	FOP Bench 1FOHx 430 BOH	4,467	2,900	54	Pico
9.118	Door Mats FOH	322	210	53	Pico
9.142	Caution Tapes BOH	161	105	53	Pico
9.013	Security Locker 2 Tier FOH	7,750	5,130	51	Pico
9.115	Security Bed FOH	5,927	4,050	46	Pico
9.116	Security Bed BOH	5,927	4,050	46	Pico
9.082	Pedestrian Barricade BOH	3,505	2,470	42	Pico
9.119	Rubbish Bins (Small 15 litre) BOH	245	180	36	Pico
9.122	Hand Held Golf Umbrella FOH	939	695	35	Pico
9.074	Traffic Cone BOH	266	200	33	Pico
9.078	Post and Chain BOH	911	690	32	Pico
9.057	Whiteboard Easel FOH	2,994	2,310	30	Pico
9.058	Whiteboard Easel BOH	2,994	2,310	30	Pico
9.073	Traffic Cone FOH	322	250	29	Pico
9.083	Press Table FOH	4,012	3,260	23	Pico
9.077	Post and Chain FOH	922	820	12	Pico
9.124	Lockable Cage FOH	4,535	4,380	4	Pico
9.033	Chair Patio FOH	1,276	1,250	2	Pico
9.034	Chair Patio BOH	1,276	1,250	2	Pico

Annexe: 9.5 Differences between Rates of Subcontract and the Contract with OC**(Amount in Rs.)**

Sl. No.	Item Description	Unit	Min. Rate quoted by Pico for Cluster I & VI	Hiring Rate of Pico (Sub-Contract)	Rate of Other Vendors for other Clusters		Excess Rate in per cent
					Min. Rate charged to OC	Max. Rate to OC	
1	Power - 180 KVA Uninterruptible Power Supply -	No.	14.80 lakh	5.50 lakh	14.54 lakh	60.76 lakh	264% to 1105%
2	Power - 40kVA Uninterruptible Power Supply -	No	10.36 lakh	1.80 lakh	10.37 lakh	14.99 lakh	576% to 833%
3	Power - 20kVA Uninterruptible Power Supply	No.	6.04 lakh	1.12 lakh	6.07 lakh	10.49 lakh	539% to 936%
4.	Power - 200kVA Uninterruptible Power Supply	No.	61.20 lakh	5.50 lakh	18.85 lakh	62.72 lakh	343% to 1140%
4	DG Sets 250 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor	No.	9.29 lakh	5 lakh	9.72 lakh	16.45 lakh	186% to 329%
5	DG Sets 180 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor.	No.	6.09 lakh	4 lakh	7.29 lakh	12.29 lakh	152% to 307%
6	DG Sets 125 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor.	No.	4.93 lakh	3.10 lakh	7.29 lakh	10.31 lakh	159% to 333%
7	DG Sets 82.5 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor	No	4.06 lakh	2.5 lakh	6.55 lakh	8.82 lakh	162% to 353%
8	DG Sets 40 KVA - 415V, 50 Hz, 1500 RPM Diesel Generator Set Indoor.	No	2.90 lakh	1.90 lakh	4.25 lakh	5.58 lakh	152% to 293%

Annex: 9.6 Rental Price Vis a vis Construction Cost of Pre Fabricated Cabin Taking CPWD Rate

Code	Items	Per unit Area (Sq m)	Quantity cluster I	Quantity cluster II	Quantity cluster III	Quantity Cluster IV	Quantity Cluster V	Quantity cluster VI	Quantity cluster VII	Area Cluster I	Area Cluster II	Area Cluster III	Area Cluster IV	Area Cluster V	Area Cluster VI	Area Cluster VII
3.01	Commentary Control Room (CCR)(Footprint:3.6mx 6.0m)	21.6	0	0	0	0	0	1	0	0	0	0	0	0	21.6	0
3.02	Broadcast Information Office (BIO)(Footprint:3.60m x6.0m)	21.6	0	0	0	0	0	1	0	0	0	0	0	0	21.6	0
3.03	Timing & Scoring Control Room(Footprint:3.6mx 6.0m)	21.6	0	0	0	0	2	0	0	0	0	0	0	43.2	0	0
3.04	Caterers Office / Logistic Office / Merchandising Office / Site Management Office / Cleaning & Waste Office / Broadcast / Venue Management Office(Footprint:15.0m x8.0m)	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.05	Ceremonies (double storey prefabricated office units connected with external staircase)(Footprint:15 .0mx8.0m)	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.06	Doping Control (Footprint:6.0mx14.40 m)	86.4	0	1	1	1	1	1	0	0	86.4	86.4	86.4	86.4	86.4	0
3.07	Doping Control with 5 WC cubicle and sink in each(Footprint:10.6mx 14.4m)	152.64	0	0	0	1	0	0	0	0	0	0	152.64	0	0	0
3.08	Athletes Doping & Medical Block with 4WC cubicles(Footprint:14.7 mx11.7m)	171.99	1	0	0	0	0	0	0	171.99	0	0	0	0	0	0
3.09	Games family with 3WC, 2washbasins and 1	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Code	Items	Per unit Area (Sq m)	Quantity cluster I	Quantity cluster II	Quantity cluster III	Quantity Cluster IV	Quantity Cluster V	Quantity cluster VI	Quantity cluster VII	Area Cluster I	Area Cluster II	Area Cluster III	Area Cluster IV	Area Cluster V	Area Cluster VI	Area Cluster VII
	urinals.(Footprint:10.0mx40.0m)															
3.10	Logistic Manager Office(Footprint:3.6mx6.0m)	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.11	Athletes Medical - SMALL with consertina door and sink(Footprint:6.0mx7.20m)	43.2	0	0	0	0	0	0	24	0	0	0	0	0	0	1037
3.12	Athletes Medical - LARGE(Footprint:6.0mx10.80m)	64.8	0	1	1	1	0	2	0	0	64.8	64.8	64.5	0	129.6	0
3.13	Athletes First Aid / Doping Area with 3WC pans and 3 sinks(Footprint:10.0mx12.2m)	122	2	0	0	0	0	0	0	244	0	0	0	0	0	0
3.14	Press Operations(Footprint:10.0mx45.0m)	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.15	Sentry Post(Footprint:1.5mx1.5m)	2.25	0	3	0	0	10	3	0	0	6.75	0	0	22.5	6.75	0
3.16	Site Management Office / Competition Manager / Venue Results / Sports Volunteers(Footprint:3.6mx6.0m)	21.6	0	0	0	0	2	0	0	0	0	0	0	43.2	0	0
3.17	Athletes Change Room - LARGE with 5 shower cubicles(Footprint:7.20mx9.0m)	64.8	2	0	2	2	0	2	0	130	0	129.6	130	0	129.6	0
3.18	Athletes block(Footprint:55.0mx25.0m)	1375	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.19	Athletes Block(Footprint:14.7mx12.7m)	186.69	0	0	0	0	0	1	0	0	0	0	0	0	186.7	0
3.20	Sports Presentation Room(Footprint:3.6mx6.0m)	21.6	0	0	0	0	0	1	0	0	0	0	0	0	21.6	0

Code	Items	Per unit Area (Sq m)	Quantity cluster I	Quantity cluster II	Quantity cluster III	Quantity Cluster IV	Quantity Cluster V	Quantity cluster VI	Quantity cluster VII	Area Cluster I	Area Cluster II	Area Cluster III	Area Cluster IV	Area Cluster V	Area Cluster VI	Area Cluster VII
3.21	Technical Officials / Time Scoring / Sports Volunteers(Footprint:3.6mx9.0m)	32.4	0	0	0	0	1	1	0	0	0	0	0	32.4	32.4	0
3.22	Ticket booth - SMALL (x 2) with 4nos open able glazing(Footprint:3.6m x4.2m)	15.12	0	1	1	0	0	1	0	0	1	2	0	0	15.1	0
3.23	Ticket booth - MEDIUM (x 4)(Footprint:3.6mx6.6 m)	23.76	2	0	0	1	2	4	0	4	0	0	2	47.5	95.0	0
3.24	Ticket booth - LARGE (x 8)(Footprint:3.6mx11.4 m)	41.04	0	3	0	1	1	0	0	0	1	0	4	41.0	0	0
3.25	Management Offices - (Footprint:3.6mx6.0m)	21.6	1	0	0	0	0	5	0	2	0	0	0	0	108	0
3.26	Venue Operation's (Footprint:5.0mx10.0m)	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.27	Venue Operations(Footprint:15.25mx45.0m)	686.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.28	Venue Operations(Footprint:30.0mx40.0m)	1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.29	Work Force(Footprint:10.0m x40.0m)	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.30	Work Force Area(Footprint:8.0mx10.0m)	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.31	Sponsor Showcasing Concession (Footprint:5.0mx5.0m)	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.32	TSR / Sports Presentation(Footprint: 3.6mx9.6m)	34.56	0	0	1	2	0	0	0	0	0	3	6	0	0	0
3.33	Ceremonies /	172	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Code	Items	Per unit Area (Sq m)	Quantity cluster I	Quantity cluster II	Quantity cluster III	Quantity Cluster IV	Quantity Cluster V	Quantity cluster VI	Quantity cluster VII	Area Cluster I	Area Cluster II	Area Cluster III	Area Cluster IV	Area Cluster V	Area Cluster VI	Area Cluster VII
	Federation Offices (Footprint:17.2mx10.0 m)															
3.34	Venue Operations (Footprint:8.0mx20.0m)	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.35	Technical Officials Block (Footprint:18.0mx10.0 m)	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.36	Timing & Scoring Control Room(Footprint:10.8m x6.0m)	64.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.37	Ticket booth - LARGE (x 10)(Footprint:3.0mx13. 8m)	41.4	2	0	0	0	0	0	0	8 2 .8	0	0	0	0	0	0
3.38	Ticket booth - LARGE (x 10)(Footprint:3.6mx12. 0m)	432	1	0	0	0	0	0	0	4 3 2	0	0	0	0	0	0
	Total Area/									1 1 3 0	2 9 6	5 7 2 4	5 6 7	316. 3	854. 4	1037
														Grand total area:		4773.06 sq mt
Area in Sq.mt														4,773.06		
Area in Sq. feet (*10.7642)														51,378.17		
Amount as per Overlays contract (including service tax)														21,84,55,016		
Less: Amount in CPWD rate(Rs1645/Sq feet*51378.17)														-8,45,17,090		
Excess amount of payment: (in Rs.)														13,39,37,926		

Annex: 9.7 CONTRACT VALUE OF WATER DISPENSOR

Co de	Items	Pico I	Nussli II	GL III	Nussli IV	ESAJV V	Pico VI	GL VII	Total
21.28	Water Dispenser - 20 Lts. (Nos)	500	425	405	325	475	845	145	3120
	Rate (Rs/Nos)	11,852	1,776	32,986	1,776	9,379	9,855	32,986	
	Amount (Rs)	59,26,088	7,54,873	1,33,59,411	5,77,256	44,54,835	83,27,475	47,82,999	3,81,82,937

Annexes to Chapter 11

Annexe 11.1

Chronology of events for the award of work for Games Village Catering

June 2009	EOI for 11 tender packages; responses from 25 agencies
July 2009	Evaluation of EOI responses; 4 out of 10 respondents for CGV, and 13 out of 16 respondents for other packages shortlisted.
October 2009	RFP for CGV issued to 4 qualified respondents; bid submitted by only one party – Delaware North Companies Australia.
11 November 2009	Letter from DNC to OC about their partnership with TajSATS and PKL, London.
10 December 2009	File sent through DG and CEO to Chairman for condoning non submission of EMD and opening of commercial bid
11 December 2009	Commercial bids opened on verbal instruction of the Chairman
6 January 2010	DNC sent an e-mail, raising concerns on the delay in taking decision on the CGV contract.
12 January 2010	File returned from the Chairman with Decision to re-tender
13 January 2010	Shri Jiji Thomson, SDG(Catering) requested DG and CEO to take OCFC,FSC and EB approval on it
15 January 2010	Shri Jiji Thomson instructed Shri Jeychandran JDG(F&A)to place outcome of tendering before OCFC
16 January 2010	Shri Jeychandran decided to take up the subject with OCFC after retendering is done , forwarded the file to Shri Ram Mohan DDG(Legal) for legal opinion
18 January 2010	Shri Ram Mohan agreed with Shri Jeychandran , also noted that commercial bid is 2.5 times the budget provision
19 January 2010	DNC confirmed their commitment to deposit the EMD
23 January 2010	Shri Lalit Bhanot ordered for retendering process to start
2 February 2010	The decision to retender was communicated to DNC.
3 February 2010	RFP for CGV package reissued with last date of 24 February 2010 (extended to 3 March 2010)
3 March 2010	Technical bids from two parties - DNC (along with Taj SATS and PKL) and IRCTC (along with Xtreme Chefs, PKL and SGS India)
19 March 2010	Proposal of IRCTC rejected, and DNC found technically qualified.
26 March 2010	Financial bid of single vendor – DNC- opened in the presence of their representatives.
29 March 2010	OSD Catering informed DNC that they were technically qualified.

30 March 2010	DNC informed OC that their partner for kitchen design and construction, PKL, had refused to participate in the contract (due to frustrations and concerns about OC's processes and procedures), and suggested that OC hold negotiations with the next ranked bidder.
7 April 2010	After negotiations between PKL and OC, PKL provided an option of purchasing ex-hire catering equipment for the Games Village, and asked for review and finalising contract terms by 13 April 2010
14 April 2010	Team of OC officials visited Melbourne to hold discussions with DNC, who indicated that OC had to deal directly with PKL, but stressed that only PKL should be appointed as the equipment supplier.
19-22 April 2010	OC Finance Sub-Committee (with Secretaries UD and Sports, and AS, MOF) was apprised of this emergent situation, and approved the award of contract to DNC, but did not comment on the proposal from PKL.
30 April 2010	OC team visited London for negotiations with PKL; advance payment of 15 percent (as against 50 per cent originally proposed by PKL) agreed to.
6 May 2010	DNC submitted the revised rates totalling Rs. 81.62 crore.
11 May 2010	OC EB approves outright purchase of equipment from PKL. DNC submitted the revised rates totalling Rs. 66.59 crore.
20 May 2010	OC signed contract with DNC.
31 May 2010	RFP for appointment of kitchen equipment installer and project manager, with last date of 10 June 2010.
7 June 2010	OC Finance Sub-Committee recommended airlifting of kitchen equipment by Balmer Lawrie at a cost of \$ 1.5 million (excluding service tax)
14 June 2010	Technical evaluation of three bids for installation of kitchen equipment conducted; two bidders were qualified. Commercial evaluation was done on the same date, and M/s Constellations (in consortium with M/s Aster Technologies, Pune) was found to be the L-1 bidder.
27 June 2010	EB approved airlifting of kitchen equipment by Balmer Lawrie as well as award of contract for installation of equipment to M/s Constellations
5-9 July 2010	Equipment despatched by air.
9 September 2010	CGV Kitchen handed over by OC to DNC; kitchen commenced operations on 13/16 September 2010

Annexe 11.2**Chronology of events for the award of work for Venues Catering**

June 2009	EOI issued for 11 clusters
15 December 2009	RFP issued to the 13 qualified bidders
18 February 2010	Last date was 28 January 2010 which was extended twice till 18 February 2010 due to change in templates. Five firms submitted bids for some clusters. Only IRCTC quoted for 1 to 8 clusters. No one for 10 and 11 clusters.
22 March 2010	Technical evaluation was carried out by committee headed by SDG Catering
31 March 2010	Chairman asked to re tender as many reputed firms like ITDC etc did not participate
7 April 2010	Catering FA informed Chairman that delay will escalate cost and make it difficult to meet deadlines. Chairman agreed and approved the technical evaluation
8 April 2010	Commercial evaluation was carried out
Apr – June 2010	Negotiations were carried out with all the five firms. Finally the total estimated expenditure came down from Rs. 77.94 crore to Rs. 68.46 crore
22 June 2010	Chairman in a meeting of senior management suggested to cancel all tenders and nominate IRCTC and Chef Air
27 June 2010	EB approved to cancel all tenders packages and appoint IRCTC and Chef Air on nomination basis
5 July 2010	IRCTC submitted the quote of Rs. 24.20 crore for all tender packages except 1 and 4 with certain conditions
16 July 2010	IRCTC agreed to supply packed food to workforce and volunteers at the rate of Rs. 150/- per meal within the limit of 40000 meals per day
15 - 21 July 2010	Chairman took a high level meeting with senior officials of IRCTC and received a final quote of Rs. 43.83 crore for all tender packages
19 July 2010	OSD (Revenue) vide its note informed that he along with SG and CEO had a meeting and decided to issue a new RFP on the same day inviting bids for supply of food packed to workforce, volunteers, in packed condition and will consist of only vegetarian items. <ul style="list-style-type: none"> • RFP issued for appointment of agency for operating food stalls to provide food & beverage to the spectator as user pay service
22 July 2010	Meeting of Chairman, SG, DG, SDG & JDG (catering) and CEO decided that IRCTC proposal is not accepted and new RFPs should be floated
24 July 2010	RFP issued for appointment of caterer for catering services at all lounges in competition and training venues and for appointment of caterer for supply and distribution of food packets at all the games venue including training and non competition venues except games village
14 August 2010	Fast track committee asked to negotiate with the vendors for the lounges catering
18 August 2010	Lol was issued to AFP Manufacturing Pvt Ltd for supply of food packets after technical and commercial evaluation. No agreement was signed

19 August 2010	Work was awarded to three firms for the total amount of Rs. 13.93 crore
20 September 2010	OC initiated a note to provide catering services at the airport from 23 September 2010
24 September 2010	Chairman approved the appointment of two caterers at the airport
25 September 2010	Joint inspection with food safety consultant of base kitchen of AFP revealed that the firm is not able to provide the food in the conditions required
26 September 2010	Shri Sanjiv Mittal, JDG (Catering) informed that AFP cannot provide the packed lunch and dinner before 1 October 2010 and requested to appoint 7 new caterers
27 September 2010	MoU signed with M/s Fast trax for operating food staffs to provide food & beverage to the spectators as user pay service
2 October 2010	OC was required to received the full payment of Rs. 92.70 lakh from Fast trax however received only Rs. 23.18 Lakh
3 -14 October 2010	Finally total 19 vendors supplied the food at different venues as appointed by the venue administrators

Annexe Chapter 13

Annex 13.1 - List of Items lying idle at ITPO

Sl.no.	Event	Name of the items	Brand	Unit	Per unit cost (in Rs)	Total cost (in Rs)
1	Athletics	Weighing machine	Gold Tech 10 KG	6	3,086	18,516
2		Measuring rod pole vault	ATE	1	2,500	2,500
3		Disc Trolley	Vinex	3	3,600	10,800
4		Javelin Trolley	Vinex	3	3,600	10,800
5		Shot Put Trolley	Vinex	3	3,600	10,800
6		High Jump Uprights	Vinex	1 pair	9,600	9,600
7		Powder Stand with Bowl	Vinex	2	1,200	2,400
8		Pole Vault Cross Bar Stand	Vinex	2	2,400	4,800
9		Starting Blocks	Nelco	8	2,340	18,720
10		Shot Put 7.26 KG	Nishi (Metal)	1	10,700	10,700
11		Shot Put 4 KG	Nishi (Metal)	4	8,675	34,700
12		Shot Put 4 KG	Nelco (Black)	2	1,925	3,850
13		Disc 2 KG	Denfi	3	16,900	50,700
14		Disc 2 KG	Nelco	3	3,650	10,950
15		Disc 1 KG	Nelco (Golden)	2	2,725	5,450
16		Disc 1 KG	Nishi	4	18,510	74,040
17		Hammer 7.26 KG	Nishi (Red)	2	45,100	90,200
18		Hammer 7.26 KG	Nelco (Golden)	2	2,370	4,740
19		Shot Put 7.26 KG	Polanic (Orange)	1	26,800	26,800
20		Shot Put 7.26 KG	Nelco (Yellow)	1	2,370	2,370
21		Shot Put 7.26 KG	Vinex (Metal)	1	5,500	5,500
22		Hammer 4	Nelco (Golden)	2	1,935	3,870

Sl.no.	Event	Name of the items	Brand	Unit	Per unit cost (in Rs)	Total cost (in Rs)
		KG				
23		Hammer 4 KG	Vinex (Silver)	2	4,400	8,800
24		Hammer 4 KG	Polanic (Golden)	1	16,275	16,275
25		Starting block stand	Vinex	1	4,000	4,000
26		Javelin 800 GM	Nemeth	1	54,883	54,883
27		Javelin 800 GM	Nordic	3	85,397	2,56,191
28		Javelin 600 GM	Nemeth	1	47,736	47,736
29		Javelin 600 GM	Nordic	3	32,158	96,474
30		Measuring tapes 100 M	Vinex	1	925	925
31		Measuring tapes 50 M	Vinex	1	495	495
32		Measuring tapes 30 M	Vinex	2	300	600
33		Measuring tapes 15 M	Vinex	2	180	360
34		Hurdles	Vinex	100	3,465	3,46,500
35		Lane box (1-9)	Not mentioned	9	1,600	14,400
36		Resting rack	Not mentioned	5	2,400	12,000
37		Cross bars (Pole vault)	Vinex	8	1,425	11,400
38		Cross bars (High jump)	Vinex	8	1,425	11,400
39		Athletic shade	Nelco	25	24,990	6,24,750
40		Medal tray	Local	26	850	22,100
41	Archery	Metal detector	Recover (Esskay)	1	24,000	24,000
42		Lane board	Local	79	225	17,775
43		Target measuring jig	Local	5	750	3,750
44	Aquatics	Swimming lane	Malmsten	20	1,30,000	26,00,000
45		Trampoline	Eurotramp	10	3,35,633	33,56,330
46		Reels	Mamsten	8 set	1,58,000	12,64,000
47		Pace clock	Local	4	10,000	40,000

Sl.no.	Event	Name of the items	Brand	Unit	Per unit cost (in Rs)	Total cost (in Rs)
48	Badminton	Stringing machines	Yonex	3 set	5,09,020	15,27,060
49		Umpire chair	Local	6	3,690	22,140
50		Badminton post	Uesaka	12 pairs	88,668	10,64,016
51		Shuttle cock	Yonex	1392 doz	1,114	15,50,688
52	Weightlifting	Weighing machine	Gold Tech 200 KG	12	4,960	59,520
53		Steel tray	Local	9	3,600	32,400
					Total	1,35,03,774

Annex 13.2 List of Items lying 100 percent unused at Venues

Sl.No	Discipline	Items	Brand	Qty	Unit price (in Rs)	Total (in Rs)
1	Gymnastic Men Artistic (IG stadium)	Mushroom	Gymnova	2	24,029	48,057
2		Additional Landing Mats-FIG 400x200x10cm	Gymnova	10	32,755	3,27,549
3		Competition trumpling tyrack with running up and landing areas FIG approved	Gymnova	2	9,19,475	18,38,951
4		landing mat 200x200x20 cm velcro bid width-FIG	Gymnova	13	53,242	6,92,152
5		Landing mat 300x200x20cm velcro bib width-FIG	Gymnova	6	37,687	26,122
6		Pairs of plywood rings with cables, straps and bearing for ring frame	Gymnova	4	14,986	59,945
7		Reinforced handrail for competition parallel bars ref.3832	Gymnova	4	17,326	59,945
8		Riser Panel	Gymnova	4	47,362	1,89,447
9		Trampoline with bed 6x6 without safety platform	Gymnova	2	2,67,034	5,34,069
10	Gymnastic Women Artistic (IG Stadium)	20 cm Low beam	Gymnova	2	38,889	77,777
11		Additional Landing Mats-FIG 400x200x10 cm	Gymnova	10	32,754	3,27,548
12		Competition trumpling tyrack with running up and landing areas FIG approved	Gymnova	1	9,19,475	9,19,475
13		Handrail for Asymmetric bars-unit	Gymnova	8	31,363	2,50,909
14		Landing mat 200x200x20 cm velcro bib width-FIG	Gymnova	6	37,687	2,26,122
15		Landing mat 300x200x20cm velcro bib width-FIG	Gymnova	13	53,242	6,92,151
16		Small removable protection pad	Gymnova	4	5,438	21,752
17		Trampoline with bed 6x6 without safety platform	Gymnova	2	2,67,034	5,34,068

18	Gymnastic (consumable & non consumable items)	Vacuum cleaner	Forbes	2	6,200	12,400
19		Plastic bucket, mugs big mugs small	Local	10, 10, 9	NA	1,879
20	Hockey (MDC stadium)	Electronic Hooter (Mega Phone)	Alpice	2	4,450	8,900
21		Goal Keeper Pad Measuring Device	Local	2	2,500	5,000
22		Goal Posts	Schapers	1 pair	7,06,444	7,06,444
23		Goal Nets (Extra)	Schapers	2 pairs	47,096	94,192
24						0
25	Wrestling (IG Stadium)	Wrestling dummies with cover-Ht. 1.30 m, 15 kg (15.170, 14.560, 15.870, 14.640)	NA	4	24,445	97,780
26		Wrestling dummies with cover-Ht.1.45m, 25 kg (24.500, 25.730, 24.650)		3	25,415	76,246
27		Wrestling dummies with cover-Ht. 1.60 m, 30 kg (29.430, 30.690, 30.690, 32.180, 32.200, 30.820)	NA	6	29,944	1,79,664
28		Wrestling Dummies wit 41.730, 39.200, 39.030, 40.680, 40.430)	NA	7	30,452	2,13,166
29		Men Wrestling Dummies Ht. 1.70m, 40 kg	J. Foeldeak	8	30,452	2,43,619
30	Wrestling (Ludlow Castle)	Women Wrestling Dummies Ht. 1.30m, 15 kg	J. Foeldeak	8	24,445	1,95,560
31		Women Wrestling Dummies Ht. 1.45m, 25 kg	J. Foeldeak	2	25,415	50,830
32		Women Wrestling Dummies Ht. 1.60m, 30kg	J. Foeldeak	2	29,944	59,888
33		Electronic weighing machines for body weight 200 kg 10 gm Digital (calibrated every day)	Goldtech	4	4,960	19,840
34		Adjustable wooden blocks	Uesaka	7 pairs	24,875	1,74,125
35	Weightlifting (JLN Stadium)	Magnesium Powder (3 Bagsx20 kgs)	NA	3	2,000	6,000
36		Hammer, 7.260 kg. S. Steel	vinex	11	5,500	60,500

37	Athletics (JLN stadium)	Hammer 4 kg Stainless Steel	vinex	12	4,400	52,800
38		Judge stand/time keeper stand 6 step (depth of seats 45 cm and length of seat 1.50m) Frame to be made of 1 square pipe	vinex	4	12,000	48,000
39		Measuring wheel	Nelco	2	2,200	4,400
40		Red Plastic Foul Signal Card (30 cm x 20 cm)	vinex	5	200	1,000
41	Lawn Bowl (JLN Stadium)	Touch Spray		257	10	10,319
42	Aquatics (SPM)	Stop Watch (Casio 1/1000 sec. split 100x2 Lap Memory)	Local	30	2,970	89,100
43		Towel (without logo)	Local	400	130	52,000
					Total	92,89,691

Annexes to Chapter 14

Annex: 14.1 - Instances of Different Rates across vendors and clusters 1,2,4 & 6

(Amount in Rs.)

Code	Item	Lowest Rate Contracted by OC	Highest Rate Contracted by OC
1	Flags	1,075.25	2,053.00
2A	Flag Poles	4,620.13	5,330.00
2B	Flag Horizontal Rods	1,081.25	1,200.00
3A	Fop A Boards Metal Frame + Flex	600.00	1,487.51
3B	Fop A Boards Metal Frame + Sunpac	1,440.00	2,000.00
3D	Fop Facia Boards Metal Frame + Flex	925.00	1,486.85
3E	Fop A Boards Metal Frame + Ply + Flex	1,794.38	1,800.00
4	Foam Triangle Boards	1,485.80	1,950.00
5	External fencing/internal fencing	470.00	594.00
6	Broadcast Tribune /Media Tribune/Wall Graphics Strips /Cone wraps/Wall Wraps (Internal)/Porta Cabin/Glass Facade (Blockout)	680.00	710.00
7	Table skirting/Marquee skirting/Camera stand skirting	489.57	660.00
8	Media/Mixed zone Backdrop	860.00	1,465.56
9	Barricades	863.00	1,059,30
10	Vomatrics	760.00	900.00
11A	Dropdown banners	647.33	760.00
11B	Dropdown banners	695.00	782.70
12	Standees	850.00	1,640.29
13A	Pillar wraps (without Frame)	695.00	1,200.00
13B	Pillar wraps (with Frame)	885.00	1,250.00
14C	Gate arch - Option 3	880.00	1,115.00


Code	Item	Lowest Rate Contracted by OC	Highest Rate Contracted by OC
15	Spectator Area Back Wall /Tier Graphic	590.00	695.00
16	Buntings/Athletes' Bibs	580.00	630.00
17A	Glass Facade	875.00	1,265.00
17B	Glass Facade	875.00	1,265.00
18B	Decals/Graphics Over Road/Go Markers	1,400.00	1,520.00
18C	Decals/Graphics Over Road/Go Markers	2550.00	2600.00
19	Fleet Graphics/Sports Equipment (Leatherite)	1,180.00	1,391.02
20A	Wall Wrap	1,850.00	2,200.00
21	Yellow Halogen Light	1000.00	3,825.00
22	Spotlight	300.00	3,825.00
23	Backlit Boards	900.00	22,000.00
	TOTAL		

Vendors	Clusters	Value of the items at the best rates obtained item wise across clusters 1,2,4 & 6 (Rs.)	Contract Value(Rs)	Avoidable Amount (Rs)
Design Dialogue (India) Pvt	1	3,08,10,845	3,47,09,843	38,98,998
Design Dialogue (India) Pvt ltd	2	4,88,68,051	5,70,93,671	82,25,620
Design Dialogue (India) Pvt Ltd	4	2,98,54,918	3,26,41,045	27,86,127
Hannu Advertising Pvt Ltd	6	2,83,68,689	3,38,73,496	55,04,807
				2,04,15,552

Annexes to Chapter 16

Annexe 16.1

Delays in planning and approving the venue specifications

S.No.	Venue	Handover of venue brief	Concept design completed by venue owner	OC's approval of concept design	Actual date of final design	Actual date of commencement of construction	Actual date of completion construction
	Target dates of OC 	December 2006	May 2007	June 2007	July 2007	September 2007	December 2009
1	Games Village (DDA)	04.12.2006	30.06.2007	18.09.2007	Not available	14.09.2007	13.12.2010
2	Siri Fort Sports Complex (Badminton and Squash)	30.03.2007	05.05.2007	16.05.2007	Not available	23.01.2008 (raft foundation)	25.09.2008 (raft foundation)
						07.08.2008 (superstructure)	30.09.2010 (superstructure)
3	Yamuna Sports Complex (Table Tennis)	04.11.2006	02.07.2007	17.05.2007	Not available	22.01.2008 (Foundation)	19.06.2008 (Foundation)
						07.08.2008 (Electrification)	30.09.2010 (Electrification)
4	Archery-Preliminary (Yamuna Sports Complex)	01.06.2007	21.01.2008	17.03.2008	Not available	13.03.2009	22.09.2010
5	Archery-Final (India Gate, Temporary Structure)	15.06.2007	21.01.2008	26.06.2008	Not available	Venue changed subsequently	
6	JLN Stadium (Athletics)	December 2006	01.05.2007	03.09.2007	Not available	04.01.2008 (Roof)	26.08.2010 (Roof)
7	JLN Stadium (Lawn Bowls)	06.10.2007	06.10.2007	Not available	01.07.2008	18.09.2009	Work in progress as on 24.09.2010
8	JLN Stadium (Weightlifting)	04.12.2006	01.10.2007	04.11.2007	01.07.2008	14.03.2008	Completion certificate not yet received as of December 2010
9	National Stadium (Hockey)	04.12.2006	18.05.2007	26.05.2007	Not available	October 2007	Completion certificate not yet received as of December 2010
10	IGI Stadium (Cycling)	09.11.2006	February 2009	Final approval was not reportedly received	Not available	December 2008	June 2010

S.No.	Venue	Handover of venue brief	Concept design completed by venue owner	OC's approval of concept design	Actual date final design	Actual date of commencement of construction	Actual date of completion construction
11	IGI Stadium (Gymnastics)	04.12.2006	01.08.2007	03.09.2007	Not available	22.01.2008 (roof truss)	17.04.2009 (roof truss)
						04.12.2008 (Retrofitting & repair)	31.05.2010 (Retrofitting & repair)
						03.09.2008 (Warm-up hall)	18.11.2009 (Warm-up hall)
12	IGI Stadium (Wrestling)	09.11.2006	26.10.2007	Final approval was not reportedly received	Not available	23.08.2008	07.06.2010
13	Dr. Karni Singh Shooting Range	09.12.2006	25.06.2008	27.07.2008	Not available	25.10.2008	30.10.2010
14	Dr. SPM Pool (Aquatics)	01.10.2007	17.08.2007	01.07.2008	29.09.2007	17.01.2008	31.08.2010
15	Thyagaraj (Netball)	07.11.2006	05.05.2007	19.05.2007	Not available	20.09.2007 (Package - I)	10.04.2009
					Not available	06.05.2008 (Package - II)	30.06.2010
16	Talkatora Stadium (Boxing)	04.11.2006	22.11.2006	05.07.2007	09.07.2009	27.04.2008 (Stadium)	19.04.2010 (Stadium)
						14.12.2007 (Facility Block)	16.06.2010 (Facility Block)
17	Delhi University (Rugby 7s)	12.03.2007	31.07.2007	12.09.2007	01.07.2008	04.08.2008	30.09.2010
18	RK Khanna Stadium	30.03.2007	17.07.2007	27.07.2007	July 2008	04.06.2008	06.09.2010
19	CRPF Full Bore Shooting Range, Kadarapur, Haryana	15.12.2006	11.07.2008	Not available	Not available	23.03.2009 (Road, drains)	10.05.2010 (Road, drains)
						06.06.2009 (Facility block spectator gallery & parking)	07.05.2010 (Facility block spectator gallery & parking)
						26.12.2008 (Approach road)	03.10.2009 (Approach road)
						16.08.2009 (Baffle wall)	10.05.2010 (Baffle wall)

Annex 16.2***Statement showing extra/deviated/substituted item in the work***

Sl. No	Venue	Name of work	Name of contractor/consultant	Tendered amount (Rs. in crore)	Extra items (Rs. in crores)	Substituted items (Rs. in crores)	Deviated items (Rs. in crores)	Reasons	What we observed
CPWD									
1.	KSSR	Consultancy services for architectural, structural planning and designing for augmentation of existing 10m, 25m, 50m, ranges including extension of ranges, skeet and trap etc	M/s CES	0.35	0.63	Nil	Nil	-	<ul style="list-style-type: none"> Detailed comments given in Paragraph 17.12.2 of this report
2.	KSSR	"Construction of ranges of 10mtr, 25 mtr, 50 mtr. Trap, Skeet Final range and Armoury bldg. including development of the complex (Civil and Electrical) in the Dr. Karni Singh Shooting Range, Tuglakabad, New Delhi,	M/s Era Infra Engineering Ltd (EIL)	70.76	8.12		12.25	-	<ul style="list-style-type: none"> The quantities concerned exceeded 30 percent of allowed deviation at contracted rate resulting in additional expenditure of Rs. 0.59 crore due to ineligibility of rebate at the rate of 4.80 percent on consumption beyond 30 percent deviation. Overpayment by irregularly treating the substituted items as extra items have been discussed in case study 16.1 of this report
3.	JNS	Construction of fixed	M/s	308.08	5.17	Nil	41.25	-	<ul style="list-style-type: none"> Detailed comments given in Paragraph 17.7.1.2 of this report

Sl. No	Venue	Name of work	Name of contractor/consultant	Tendered amount (Rs. in crore)	Extra items (Rs. in crores)	Substituted items (Rs. in crores)	Deviated items (Rs. in crores)	Reasons	What we observed
		tensile membrane roofing over seating area	Shapoorji Pallonji Co. ltd				(including minus deviation of 19.09)		
4.	JNS	Construction of weightlifting auditorium with two tier underground parking	M/s Nagarjuna construction Co. Ltd.	65.45	0.90	1.42	5.6	-	<ul style="list-style-type: none"> Detailed comments given in Case study 17.4 of this report
5.	JNS	Construction of WADA lab and administrative block	M/s Globe civil Projects pvt. Ltd.	22.81	1.11	0.20	4.52	-	
6.	JNS	Providing and laying IAAF approved synthetic athletic track surface	M/s Shiv Naresh Sports Pvt. Ltd.	27.62	1.69	0.02	1.87	-	
7.	JNS	Consultancy services for providing fixed double membrane roof over JNS	CES	8.97	0.87	-	-	-	
	JNS	Consultancy services for weightlifting auditorium with two tier underground parking	CES	3.8	0.50	-	-	-	
8.	SPM	Construction of new insulated metal sheet roof along with roof	ACIL	230	42.96	2.20	(-) 2.73	-	<ul style="list-style-type: none"> Impact of treatment of extra/substituted items discussed in case study 17.4

Sl. No	Venue	Name of work	Name of contractor/consultant	Tendered amount (Rs. in crore)	Extra items (Rs. in crores)	Substituted items (Rs. in crores)	Deviated items (Rs. in crores)	Reasons	What we observed
		supporting structure and its integration with existing structure including E&M Works							<ul style="list-style-type: none"> Extra payment for items already included in the scope of work of lump sum contract discussed in case study 17.3
9.	SPM	SITC of HVAC systems	M/s Voltas	12.40	5.57	1.74	(-) 2.13	-	-
10.	SPM	SITC of Sub- station Equipments	M/s Sudhir Power	6.09	0.57	---	1.24	-	-
11.	SPM	SITC of UPS System	M/s Power House	3.25	0.23	---	---	-	-
12.	SPM	SITC of DG Sets	M/s Sudhir Power	4.39	0.10	---	(-) 0.02	-	-
13.	SPM	Providing of Façade Lighting	ACIL	4.99	0.23	0.62	(-) 2.34	-	-
14.	SPM	Providing of IBMS	M/s Fire Pro	0.40	--	--	(-) 0.02	-	-
15.	SPM	Consultancy Work	CES	5.67	1.12	---	(-) 0.14	-	-
16.	JNS	Providing and laying Global Category World Bowls approved Synthetic Outdoor flat lawn bowls greens (Part A) (JNS-4 nos. & DPS-2 nos.)	M/s Jubilee Sports Technology (I) Pvt. Ltd.	7.42	1.08	-	-	-	<ul style="list-style-type: none"> Irregular sanction of extra items. All the items covered under agreement item. The quantity paid in excess of sanctioned quantity

Sl. No	Venue	Name of work	Name of contractor/consultant	Tendered amount (Rs. in crore)	Extra items (Rs. in crores)	Substituted items (Rs. in crores)	Deviated items (Rs. in crores)	Reasons	What we observed
17.	JNS	C/o Road, Storm water drains, RCC seating tiers of warm-up area at JNS	M/s NIKG Infrastructure Ltd.	21.02	-	-	0.71	-	Items deviated beyond permissible limit led to extra liability
18.	JNS	SITC of sub-station equipment	M/s Antelec Ltd.	28.72	-	-	1.04	-	Items deviated beyond permissible limit led to extra liability
19.	JNS	C/o one number hostel/media accommodation block at JN Stadium	M/s Rama Construction	10.15	-	-	0.22	-	Items deviated beyond permissible limit led to extra liability
20.	JNS	Internal Space Planning	M/s Era Infra Ltd.	111.28	6.01	1.45	12.95 (+ & - both)	-	Lack of planning led to extra expenditure of Rs21.00 crore.
21.	JNS	C/o Sub-station building I,III,IV and underground water tanks and pump rooms	M/s Rama Construction	7.41	-	-	0.14	-	Items deviated beyond permissible limit led to extra liability
22.	JNS	C/o Boundary wall	M/s Arora Construction	6.17	3.67	-	3.30	-	Execution of indispensable items as extra item. Items deviated beyond permissible limit led to extra liability

Sl. No	Venue	Name of work	Name of contractor/consultant	Tendered amount (Rs. in crore)	Extra items (Rs. in crores)	Substituted items (Rs. in crores)	Deviated items (Rs. in crores)	Reasons	What we observed
PWD									
23.	Thayagraj Sports complex	Package-I (Basic Structure)	M/s JMC Project(I) Ltd.	103.96	0.22		30.19 (+ & - both)	Change in column design from steel to RCC and as per site requirement	No comment
24.	Thayagraj Sports complex	Package-II	M/s JMC Project(I) Ltd.	108.80	5.31	-		As per site requirement	No comment
25.	Chhatrasal Stadium	Development of Athletic training venue (athletic track 400 mt. x 8 lane)for Commonwealth Games-2010	M/s Era Infra Engineering Ltd.	60.26	0.87	-		As per site requirement	No comment
26.	Ludalw Castle	C/o wrestling Training Venue at Ludalw castle School No. 1 Delhi.	M/s Arora Construction Co. (P) Ltd.	11.25	0.30	-		As per site requirement	No comment
27.	Talkatora stadium	Additions/alteration of Indoor stadium	M/s Simplex Projects Ltd	19.19	5.80	1.91	0.53	As per site requirement	<ul style="list-style-type: none"> Lack of foresight in planning,execution,time management,co-ordination with different agencies Excess payment due to incorrect framing of rate analysis has been commented in para 19.2.3.4
28.	Talkatora	Construction of new	M/s	52.98	2.63	6.43	3.38	As per site	<ul style="list-style-type: none"> Lack of foresight in planning,execution,time

Sl. No	Venue	Name of work	Name of contractor/consultant	Tendered amount (Rs. in crore)	Extra items (Rs. in crores)	Substituted items (Rs. in crores)	Deviated items (Rs. in crores)	Reasons	What we observed
	stadium	Sports Facility Block with parking	Simplex Projects Limited					requirement	management,co-ordination with different agencies <ul style="list-style-type: none"> • Avoidable expenditure of Rs.1.55 crore has been commented in para 19.2.3.5
29.	Shivaji stadium	Improvement/up-gradation of the stadium as a composite work	M/s China Railway shisiju group corporation	160.27	-	-	5.26	As per site requirement	Deviations occurred due to inadequate survey and improper time management.
Total				1483.91	95.66	15.99	131.83		

Annexe 16.3***Statement showing cases where final EOT is granted but not justifiable***

Sl. No.	Venue	Name of work	Name of contractor/co nsultant	Tendered amount (Rs. in crore)	Stipulated date of completion	Reported date of completion	Delay in completion (in months/days)	Final EOT granted upto	Delay not justifiable (reasons)	Compensati on leviable but not recovered (Rs. in crore)
CPWD										
1.	JNS	Construction of WADA lab and administrative block	M/s Globe Projects civil Pvt. Ltd.	22.81	09.10. 08	20.2.09 (Civil) 29.05.09 (Electrical)	232 days	20.2.09	Non-deployment of adequate manpower, lack of management on the contractor's part and the required composite certificate not issued	2.28
2.	JNS	Consultancy services for c/o of WADA lab and administrative block	M/s Kothari Associates	0.40	12.6.2007	20.2. 09	618 days	20.2.09	Delays in providing drawings	0.04
TOTAL										2.32

Annexe 16.4

Statement showing where provisional EOT has been granted

Sl. No.	Venue	Name of work	Name of contractor/consultant	Tendered amount (Rs. in)	Stipulated date of completion	Reported date of completion	Delay in completion (in months/days)	Provisional EOT granted upto	What we observed
CPWD									
1.	KSSR	Consultancy services for conducting survey/special inspection, preparation of repair/strengthening plan, necessary design, drawings, specifications, cost estimates, tender documents and assistance to department during tendering and execution of works for repairs/rehabilitation	M/s CES	0.10	02.06.2005	NA	-	NA	EoT was not granted
2.	KSSR	Consultancy services for architectural, structural planning and designing for augmentation of existing 10m, 25m, 50m, ranges including extension of ranges, sket and trap etc	M/s CES	0.35	29.09.2007	04.09.2010	1070 days	-	EoT was not granted
3.	KSSR	"Construction of ranges of 10mtr, 25 mtr, 50 mtr. Trap, Sket Final range	M/s Era Infra Engineering	70.76	24.08.2009	30.10.10	431 days	15.11.2010	-

		Toilet finishing and water proofing)							reasons				
8.	KSSR	SITC of Sub- station Equipments	M/s Ahluwalia	5.27	08.08.09	30.09.10	417 days	15.11.2010	-				
9.	KSSR	SITC of UPS System	M/s Power House	3.90	21.12.09	05.09.10	257 days	15.11.2010	-				
10.	KSSR	SITC of DG Sets	M/s Sudhir Power Project Pvt. Ltd.	2.73	04.09.09	07.09.10	367 days	15.11.2010	-				
11.	KSSR	Providing of External Lighting	M/s Ambar Electro tech	1.73	04.09.09	25.07.10	323 days	15.11.2010	-				
12.	KSSR	Providing of Integrated Building Management System	M/s Siemens Building Technologies Pvt. Ltd.	0.23	21.11.09	20.09.10	302 days	15.11.2010	-				
13.	KSSR	Grassing of the lawn phase-I	M/s Evergreen landscape Pvt. Ltd.	0.67	09.03.10	NA	297 days	31.12.2010	-				
14.	JNS	Construction of weightlifting auditorium with two tier underground parking	M/s Nagarjuna construction Co. Ltd.	65.45	13.6.2009	Completion not yet recorded	##	15.2.2010	-				
15.	JNS	Construction of fixed tensile membrane roofing over seating area	M/s Shapoorji Pallonji Co.Ltd.	308.08	03.09.09	26.08.10	356 days	26.08.10	Contractor and sub-contractors were responsible for delay in completion of work.				
16.	JNS	Providing and laying Global Category World	M/s Jubilee Sports	7.42	17.03.2010	15.04.2010 (as reported)	192 days	-	EoT not shown to audit				

	Chand National Stadium							certificate not reported till December 2010	195 days [#]	15.10.10	neither prepared by the department nor was mentioned in the Hindrance Register.
31.	MDC	Laying of global category synthetic turf	M/s Unity Infra Projects	17.85	18.4.10			Final completion certificate from FIH received but formal completion certificate is still awaited			Justified hindrance for 23 days
NDMC											
32.	Talkatora stadium	Addition / alteration of stadium	M/s Simplex Projects Ltd.	19.19	26.04.09			19.04.10	355 days	31.1.10	Though there were no noticeable hindrances, the work continued to be executed beyond the stipulated date without provisional extension. As per clause 2 of contract, penalty @ 1.5 per cent per month subject to a maximum of 10 per cent of the tendered cost was leviable but only partial amount was withheld and no action for levy of penalty for delayed completion of work was taken. In reply NDMC stated that the case for levy of penalty or otherwise would be dealt with on merit basis once the works are completed and sufficient amount is available in the

												form of security deposit, part rate of work. Reply is not acceptable as withheld amount was insufficient against penalty due to be recovered. There is no justification in waiting for completion of work for levy of penalty.
33.	Talkatora Indoor Stadium	Construction of new sports facility block	M/s Simplex Projects Ltd.	52.98	13.06.09	16.06.2010	367 days	31.5.10	As above.			
34.	Talkatora Indoor Stadium	Installation of lifts.	M/s Omega Elevators	0.51	26.03.09	Work yet to complete.	##	25.07.2010	The work has yet not been completed hence up to date period of execution is considered.			
35.	Talkatora Indoor Stadium	S I T C of D G Sets	M/s Sudhir Power Projects Pvt. Ltd.	2.06	3.04.09	Work yet to complete.	##	3.12.2010	The work has yet not been completed hence up to date period of execution is considered.			
36.	Shivaji Outdoor Stadium	Improvement / upgradation of the Stadium	M/s China Railway Shisiju Group Corporation	160.27	28.11.09	Work yet to complete.	##	30.09.2010	The work has yet not been completed hence up to date period of execution is considered.			
37.	Shivaji Outdoor Stadium	SITC of Integrated Security system	Electronic corporation of India	2.20	30.6.10	Work yet to complete	##	EOT not yet granted	The work has yet not been completed hence up to date period of execution is considered.			
38.	Delhi University	Civil, Electrical and other associated work	M/s NCCL	251.82	3.2.10	30.9.10	238 days	14.09.10	Final bills and project closure report pending (Jan-March 2011)			

39.	Delhi University	Outdoor high mast sports lighting	M/s Philips Electronics India Ltd.	7.19	24.2.10	10.08.10	166 days	10.08.10	-
40.	Delhi University	Athletics track	Shiv Naresh Sports Pvt Ltd.	8.20	14.7.10	25.09.10	72 days	23.09.10	-
41.	Delhi University	Seating	Shiv Naresh Sports Pvt Ltd.	3.93	24.7.10	22.09.10	59 days	25.09.10	-

Delay calculated as of 31.10.2010

Delay has not been worked out as work is yet to be completed

Annexe 16.5***Details of Add-ons in justification statement of different stadia***

S.No.	Name of Work	Period of completion of work mentioned in the NIT (in months)	Period for completion of work as per justification statement (in months)	Amount added on account of reduced time period (Rs. in crore)	Date of start of work	Stipulated date for completion of work	Actual Date for completion of work
CPWD							
1.	Indira Gandhi stadium Complex						
	Indoor Cycling Velodrome	14	20	0.85	10.12.2008	09.02.2010	30.06.2010
	Wrestling Stadium	15	22	0.64	23.08.2008	22.11.2009	07.06.2010
	Gymnastic Stadium (Roof Truss)	09	19	0.50	22.01.2008	22.10.2008	17.04.2009
	Gymnastic Stadium (Structural Retrofitting)	12	43	0.83	04.12.2008	03.12.2009	31.05.2010
2.	Remodeling and upgradation of Major Dhyan	18	34	1.45	27.10.2007	26.04.2009	Completion certificate not given as of

	Stadium									December 2010
3.	Dr. Shyama Prasad Mukherjee Swimming Pool Complex	18	24	1.82	17.01.2008	16.06.2009	31.08.2010 (work completed as per MB remarks by EE but composite completion certification yet to be issued.			
4.	Jawaharlal Nehru Stadium									
	Roof work	20	--	2.59	04.01.2008	03.09.2009	26.08.2010			
	Wada Lab	12	--	0.02	10.10.2007	09.10.2008	29.05.2009			
	Weightlifting	15	--	0.02	14.03.2008	13.06.2009	Not recorded			
5.	Dr. Karni Singh Shooting Range	10	--	0.60	25.10.2008	24.08.2009	30.10.2010			
NDMC										
1.	Talkatora Addition/Alteration work	12	--	0.51*	27.04.2008	26.04.2009	19.04.2010 (work completed but completion certificate yet			

2.	Talkatora New Sports facility block	18	27	0.92	14.12.2007	13.06.2009	16.06.2010 (work completed but completion certificate yet to be issued)	to be issued)
3.	Shivaji Stadium	18	27	4.27*	29.05.2008	29.11.2009	Work in Progress	

Annex 16.6

Add-ons included in justification amount on account of transportation of labourers from hutments to site and back due to not allowing labour hut at site

Rs. in crore

Stadium(Work)	Add-ons on account of transportation from hutments to site and back
JNS (Roof work)	4.30
SPM	4.49
Total	8.79

Annexe 16.7***Works where no mention of any particulars with reference Clause 10 C in Schedule F*****Rs. in crore**

Sl . No.	Stadium (Work)	Contractor	Payment of labour wage escalation under Clause 10 C where no percentage was mentioned in schedule F
1	Indoor Cycling Velodrome (Composite Work)	JMC Projects (India) Ltd.	2.46 (provisional payment)
2	Gymnastics Stadium (Structural retrofitting)	JMC Projects (India) Ltd.	0.55
3	IGS Complex (Construction of Roads, Storm Water Drains & Boundary Wall	Swadeshi Construction Co. Ltd.	0.80

Annexes to Chapter 17

Annexe 17.1

Deficiencies during the execution of the consultancy contracts by CES

S.No.	Issues	Major Dhyan Chand Stadium	Jawaharlal Nehru Stadium Complex	Indira Gandhi Stadium Complex	Dr. S P Mukherjee Swimming Complex	Dr. Karni Singh Shooting Range
1	Delayed submission of deliverables	<ul style="list-style-type: none"> Non-supply of required BOQ, Tender Documents etc. in time. There were repeated delays in submission of drawings Delay in obtaining approval from local bodies. 	<ul style="list-style-type: none"> All the 92 drawings for roof work were supplied after lapse of the stipulated date of consultancy. 34 drawings for weightlifting were received, after the stipulated date of completion of work. 	<ul style="list-style-type: none"> Non-supply of required tender documents, detailed estimates etc. in time. Repeated delays in submission of drawings Delays in obtaining approvals from local bodies 	<ul style="list-style-type: none"> Slippages in achievement of milestones ranging between 63 days and 1048 days. Delay in obtaining approval from local bodies. There were repeated delays in submission of drawings. 	<ul style="list-style-type: none"> Non-preparation of necessary designs, drawings, tender documents etc. Delay in obtaining approval from local bodies. There were repeated delays in submission of drawings
2	Increased scope of work as variation orders	Ambiguity in return venue brief with regard to the structures to be erected at the FOP – II leading to increase in the scope of work, post award.		<ul style="list-style-type: none"> In steel works which constituted a major portion of the work “improvement of roof truss”, there were deviations ranging from 83.8 percent to 139.7 percent amounting to Rs. 15.62 	<ul style="list-style-type: none"> Extra items of work costing Rs. 42.96 crore were executed at market rates. Payments amounting to Rs. 1.12 crore were made to CES for modifications/corrections carried out by it, 	<ul style="list-style-type: none"> Extra items of work and deviations costing Rs. 20.37 crore were executed.

S.No.	Issues	Major Dhyan Chand Stadium	Jawaharlal Nehru Stadium Complex	Indira Gandhi Stadium Complex	Dr. S P Mukherjee Swimming Complex	Dr. Karni Singh Shooting Range
3	Increase in scope of consultancy work.			<p>crore (out of a total deviation of Rs.17.51 crore).</p> <ul style="list-style-type: none"> Scope of consultancy package-I enlarged to include internal space planning of the Gymnastics Stadium by means of extra item, approved at a cost of Rs. 0.30 crore with payment made till date being Rs. 0.38 crore. 	although as per agreement the same was deemed to be included in the total fee.	
4	Non-recovery of compensation for delay in execution	<ul style="list-style-type: none"> Provisions for levy of compensation for delay in execution of work not included in the agreement for the purported reason that it was not a work contract and consequently, no Hindrance Register was maintained 	<ul style="list-style-type: none"> No records of target dates and slippages were maintained and hence, no action was taken for levy of compensation of Rs. 0.77 crore, under provisions of the contract. 	<ul style="list-style-type: none"> No records of slippages (and revised target dates in the case of consultancy package-I) were maintained although there was a delay of more than three years from the stipulated date of completion of the consultancy works (i.e. Consultancy packages I & II). 	<ul style="list-style-type: none"> No hindrance register for consultancy work was maintained and consequently, compensation amounting to Rs. 0.57 crore could not be levied on CES, although a provision for the same existed in the agreement. CES included provisioning of LED lights on the compression rings and sheer walls, which 	

S.No.	Issues	Major Dhyan Chand Stadium	Jawaharlal Nehru Stadium Complex	Indira Gandhi Stadium Complex	Dr. S P Mukherjee Swimming Complex	Dr. Karni Singh Shooting Range
					were subsequently found impossible to execute. But for this item in the BOQ, the L1 contractor would have been L2..	

S.No.	Issues	Major Dhyan Chand Stadium	Jawaharlal Nehru Stadium Complex	Indira Gandhi Stadium Complex	Dr. S P Mukherjee Swimming Complex	Dr. Karni Singh Shooting Range
5	Hiring of additional consultants directly by CPWD at its cost, rather than by CES and its "associates."	<ul style="list-style-type: none"> Hiring of additional consultants for Hockey pitch, LED Scoreboard and Sports Lighting in Playfield Arena – I with additional financial burden. 	<ul style="list-style-type: none"> Ignoring contractual provisions, CPWD awarded works already covered under the scope to the JV partner of CES, SBP at an additional cost of Rs.2.19 crore. Unjustified additional payment of Rs.6.41 lakh for modification of architectural drawings, Rs.5.77 lakh for engagement of a technical person of CES for third party quality assurance of all retrofitting works were sanctioned, though such responsibilities were covered by the scope of work. Additional independent consultancy services 			

S.No.	Issues	Major Dhyan Chand Stadium	Jawaharlal Nehru Stadium Complex	Indira Gandhi Stadium Complex	Dr. S P Mukherjee Swimming Complex	Dr. Karni Singh Shooting Range
			<p>for work of internal space planning, construction of tunnel and reconstruction of lower tier were awarded for Rs. 48.91 lakh, Rs.8.85 lakh and Rs.16.16 lakh, without call of open tenders.</p> <ul style="list-style-type: none"> • Single technical and financial offer was accepted at Rs.3.80 crore from CES for consultancy work of weightlifting without any attempts for recall of tenders to obtain competitive rates. • On the advice of CES, CPWD sanctioned an extra item for Rs.50.40 lakh for engagement of proof consultant for weightlifting. 			

Annexe 17.2***Construction of new fixed tensile membrane roofing over the seating area of Jawaharlal Nehru Stadium (Civil work) - Short recoveries of Rs.5.99 crore for work not required to be executed***

S. No.	Agt. Item No.	Description of item	Contracted quantity	Quantity executed	Quantity not required to be executed	Variation rate as per Agt. (Rs.)	Recovery due (Rs.)	Recovery made (Rs.)	Short recovery (Rs.)
1	2.5	Providing and placing in position TMT reinforcement bar conforming to Fe 500 of IS : 1786 including cutting---as per drawings and specifications.	30,00,000 kg	26,35,199 kg	3,64,801 kg	56.49 / kg	2,06,07,608	91,13,176	1,14,94,432
2	4.1	Providing, fixing, jointing and testing of stainless steel/flanged rain water pipes from membrane roof to gully chamber at ground level including fixing the pipes with suitable clamps/brackets	1,400 mtr.	1,354.890 m	54.110 m	26,061/mtr.	14,10,160	---	14,10,160
3	6.1	Providing, transporting, handling, profiling, lifting and pre-stressing of fully	443 MT	413.380 MT	29.620 MT	10,00,000/MT	2,96,20,000	--	2,96,20,000

4	7	locked cables-as per technical specification	53,800 sqm	51,650 sqm	2,150sqm	8,105 /sqm	1,74,25,750	--	1,74,25,750
Total									
5,99,50,342									

Say Rs. 5.99 crore

Note: additionally recovery of Rs.15.50 lakh (approx) was also due for use of 155 MT of structural steel other than S355 grade

Annexe 17.3***Construction of new fixed tensile membrane roofing over the seating area of Jawaharlal Nehru Stadium (Civil work) - Statement showing irregular extra payment of Rs. 4.96 crore for items of work covered by the lump-sum Agreement.***

S. No.	Description of item	Quantity	Rate (Rs.)	Amount (Rs.)	Justification recorded by CPWD	Audit Comments
1	Extra for hot dip galvanized coating on pin and pin Cap used in X & V columns pin joint	42,000 kg	16.31	6,85,020	Agreement provided for hot dip galvanization for bolts but not for pins. Consultant proposed for pins also. Hence extra item	Scope of work notified in the Agreement amply clarified that the nomenclature of the main item of work was general and did not include all the incidental work that may be required for complete execution of work . There were further incidental items not included in the schedule of work /Annexure but were necessary to complete the work and the lump sum contract included cost of all such works. The special condition No.1.6.11. also clarified that where any incidental work was actually required but not specifically stated in the tender ,it was to be understood that the amount quoted by the contractor shall cover such charges also and nothing extra on account of such incidental charges would be paid. The item of hot dip galvanized coating had already been provided in the Agreement and nothing extra was admissible for coating on pin and pin cap.
2	Extra cost for labour and material involved for chamfering sharp edges of steel plates in structural steel work in built up section	7,410 MT	123.75	9,16,988	Consultant suggested for chamfering of all edges to have proper coating and corrosion protection. Hence extra item	As above ,besides , the lump sum contract included the cost of labour ,materials, tools and plants etc. for completion of the various components of the project and all operations connected therewith Special condition No. 1.44 of the contract also provided that the rates for all items for works, shall unless

3	Extra for providing, fabricating, installing, fixing in position and removal (after complete erection of X & V columns) of temporary support with turn buckle, using guy rope pin, stud etc. as required	8,565 MT	In process	2,20,00,000	Consultant decided to prohibit the use of existing structure for the use of temporary support, change of methodology required supporting from the shear wall by augmenting extra resources in terms of material and man power, resulting in extra item	<p>otherwise clearly specified, include cost of all labour, material and other inputs involved in the execution of the item. Agreement had enough provisions for quality control and proper coating and corrosion protection work were essentially part of the contract. Special condition No. 6.1 for the steel structure also provided that due to local environment in Delhi, utmost care had to be taken for corrosion protection. Extra payment of Rs.9.17 lakh so made was not admissible.</p> <p>Same as S. No. 1 and 2 above. The scope of work clearly specified that these were further incidental items which were not included in the three annexures but would be necessary to complete the work in all respect. Clause 2.2.3.2 repeatedly specified that all temporary supports with design and drawing were part of the contract.</p> <p>The analysis of rate for the item of work as included in the sanctioned estimate also included cost of construction of platforms and temporary support / ties for lifting (Rs. 2000+Rs. 4500 i.e. Rs. 6500 per MT). The justification prepared by CPWD to justify the tendered rates also included cost of temporary supports at the rate of Rs. 2345.60 per MT.</p> <p>Agreement Item No. 5.1 provided for providing fabricating and installation of all structural steel work as per design and drawing including erection and hosting in position for all leads and lifts. Sub item(b) provided for supporting structure for X shaped and V shaped columns at the variation rate of Rs. 136052 per MT, sub item (c) provided for supporting steel</p>
---	--	----------	------------	-------------	--	--

	Extra for additional welding on steel structure in fabrication by MIG and SAW welding complete and as per direction of Engineer-in-Charge	7,000 MT	In process	2,60,00,000	Welding size mentioned in the tendered drawing was found to be inadequate. QA consultant suggested full penetration weld to achieve non eccentric transfer of forces through the connection. Hence additional welding, as an extra item	structure for ramps @ Rs. 138869 per MT, sub item (h) structural connection @ Rs. 140278. The notes below the item clearly provided for all necessary temporary supports required for erection of the members shall also be included in the items. Accordingly, there was no justification for extra payment on grounds of change of methodology.
4.					Same as at S. No. 1 and 2 above. Notes below the Agreement item clearly provided for all necessary welding, nuts and bolts and connectors etc. and there was no provision for extra payment for additional welding required to complete the work. The analysis of rates in the sanctioned estimates and the justification included cost of welding of all sizes at the rate of Rs.12000 per MT. The extra payment was unjustified. The consultant and the quality assurance consultant were joint venture partners in the agreement for consultancy work. As such, in the case of any deficiency in the consultancy work necessitating extra financial burden to the Government, the same should be recovered from the consultant, including JV partner.	
Total				4,96,02,008		

Note: As gathered during discussion, there were many other extra items already sanctioned in principle but still under process of formal sanction by Competent Authority. However, records relating to such extra items had not been provided to us.

Annexe 17.4***List of items for which specifications recommended by EKS were not followed***

SL. No.	Recommended	Actually provided
1.	A 50m long 25m wide warm up pool	50m X 15.4 mt.
2.	The pool should have a minimum of six lanes, but preferably eight lanes, each a minimum of 2.25m wide, with two spaces, each 200mm wide, beyond the outside lanes.	6 lane pool
3.	The depth should be minimum of 1.35m deep for at least the first 6m from the starting blocks and at least 1.2m deep for the remainder of the pool	2mt depth
4.	Increase the depth of the swimming pool to 3m clear to allow for Olympic Games or World Championship synchronized swimming.	The standard depth as specified by FINA is minimum, of 2m for racing pools and since there was an existing pool of 2m depth which conformed to the FINA standards hence the same was renovated. For synchronized swimming, the diving pool of 5m depth was used during the recent CWG 2010 event

Annexe 17.5***Comparative analysis of awarded costs electrical works awarded separately and as part of Composite Work*****A. Major Electrical Works awarded separately (not part of composite tender)**

S. No	Name of Work	Estimated cost (Rs. In Crore)	Justified Rates cost (Rs. In Crore)	Cost award of work (Rs. In Crore)	Percentage of Awarded cost over Estimated cost
1	Providing Substation Equipments	20.56	NA ¹	16.05	21.94 below
2	SITC of Integrated building management system	0.41	NA	0.39	4.88 below
3	SITC of LED Score board	2.45	6.34	2.77	13.06 above
4	Providing PA System	4.23	NA	2.38	43.74 below
5	SITC of UPS System	4.02	NA	3.68	8.46 below
6	SITC of Ventilation System	2.96	NA	2.16	27.03 below
7	SITC of DG Sets	5.94	NA	5.11	13.97 below
8	Sports Lighting for Playfield Arena – 1	6.49	NA	4.64	28.51 below

Aggregate (average) percentage of award of the eight works awarded separately – 20.99 % below EC

B. Major Electrical Works awarded as part of composite tender

S. No	Name of Work	Estimated cost (Rs. In Crore)	Justified Rates cost (Rs. In Crore)	Quoted amount of L1 (Rs. In Crore)	Percentage of L1/ Awarded cost over Estimated cost
1	Internal & External E I Works	10.56	12.23	14.30	35.42 above
2	Firefighting System	2.09	2.81	4.32	106.70 above
3	Lift	2.25	3.28	3.90	73.33 above
4	HVAC	10.93	12.50	15.19	38.98 above
5	Fire alarm System	1.48	1.60	1.96	32.43 above
Add labour cess (@ 1%)		0.00	0.32	0.00	NA
Total		27.31	32.74	39.67*	<u>45.26 above</u>

* The work was finally awarded at Rs. 37.36 crore, by giving a rebate of 0.66 % on overall quoted rate for the composite work (Civil + Electrical) and 5% rebate on Electrical Works, which was 36.80 % above the Estimated Cost

¹ Required when the tendered amount is more than 5% above the estimated cost.

Annexe 17.6***Deviation of items in the work of SITC of PA System***

S.No	Item No. as per agreement	Quantity as per agreement (Mtrs) (A)	Quantity proposed by contractor (Mtrs)	Actually utilized till 6 th RA Bill (B)	Percentage increase (A and B)
1	7.1	3000	3000	3078	3%
2	7.2	2500	17000	18769	651%
3	7.3	1500	11010	11169	645%
4	7.4	2500	11000	15142	506%
5	7.5	600	3500	3807	535%

Annexe 18.1

Details of work, bidders and successful agency

Work	Bidders	Successful agency
Siri Fort Sports Complex (SFSC) including Saket Sports Complex (SSC)		
Construction of indoor stadium for squash and badminton	<ul style="list-style-type: none"> • B.E. Billimoria & Co. Ltd • Sportina Payce Infrastructure P Ltd. 	B.E. Billimoria & Co. Ltd
Providing raft foundation for the indoor stadium for squash and badminton	<ul style="list-style-type: none"> • B.E. Billimoria & Co. Ltd • Sportina Payce Infrastructure P Ltd. 	Sportina Payce Infrastructure P Ltd.
Refurbishment of existing training facilities (including those at Saket Sports Complex)	<ul style="list-style-type: none"> • Sharma Constructions • Arora Constructions Co. • Inderjit Mehta Construction Pvt. Ltd. <p style="text-align: center;">(Open Tender)</p>	Sharma Constructions.
Yamuna Sports Complex (YSC)		
Construction of indoor stadium for table tennis	<ul style="list-style-type: none"> • Unity Brahmaputra Consortium • B.E. Billimoria & Co. Ltd • ITD-ITDCem (JV). 	B.E. Billimoria & Co. Ltd.
Providing cast in situ bored piles for pile foundation	<ul style="list-style-type: none"> • Unity Brahmaputra Consortium • B.E. Billimoria & Co. Ltd • ITD-ITDCem (JV) • Sportina Payce Infrastructure P Ltd. 	ITD-ITDCem (JV)
Construction of archery competition venue, training venues for archery, hockey, lawn bowls and refurbishment of existing training venues	<ul style="list-style-type: none"> • Globe Civil Project Pvt. Ltd. • Brahmaputra Infrastructure Ltd. <p style="text-align: center;">(open tender)</p>	Brahmaputra Infrastructure Ltd.

Annexes to Chapter 19

Annexe -19.1

Irregular framing of rate analysis

Rs.in lakh

Type	Total no. of items cropped	No. of items test checked	Extra cost Rs.in lakh	
			Excess paid	Extra liability
Sports Facility Block				
Extra items	45	5	10.33	0
Substituted items	06	2	28.17	0
Deviated items	20	7	00	5.41
Additions/alterations work				
Extra items	20	5	87.88	69.49
Deviated items	17	2	0.99	1.23
TOTAL	108	21	127.37	76.13

Annexe 19.2: Items specified by Brand name/ Brand Name or Equivalent (Thyagaraj Stadium)

Sl. No	Package	Item No.	Nature of Item	Make/ brand approved	Rate per unit as per DE	Unit	Expenditure involved	Quantity Executed	Agreement Rate	Total expenditure involved	Country of Origin
1	Pkg-1	7.3	Construction Joints	Sika or equivalent	389	Rmt.	10,61,560	2917.89	389	1135059.21	Australia
2	Pkg-1	7.6	Joints seal(Expansion Joints)	Sika Flex Construction of Sika or equivalent make	1,833	Rmt.	15,59,007	1109.68	1833	2034043.44	Australia
3	Pkg-1	8.3.2	Fixer/Fixing of insert plates	Hilti HVU or equivalent	3,800	each	7,60,000	200	3800	760000	Indian
4	Pkg-1	8.3.1	Fixing of insert plates	Hilti HVU or equivalent	2,230	each	4,46,000	200	2230	446000	Indian
5	Pkg-1	9.1	Roofing	KALZIP AF 65/537 or equivalent	5,628	Sqm	8,10,39,600	10928.07	5628	61503177.96	Germany
6	Pkg-1	9.3	Roofing	Titan Primalite polycarbonate sheet	3,483	Sqm.	1,65,51,216	8737.75	3483	30433583.25	China
7	Pkg-2	3.4	Carpet Tiles	Miliken or Trans-Asia or equivalent	5,464	Sqm.	82,01,914	1496.99	6393.23	9570601.378	USA
8	Pkg-2	3.5 sch B II)	Floor tiles	Deutsche Steinzeug (USA) or equivalent	1,962	Sqm	27,39,022	1015.41	2295.59	2330965.042	USA
9	Pkg-2	4.1	Cladding 4mm thick Aluminium composite panels	ALUCOBOND A2 or equivalent*	4,635	sqm	2,06,27,753	3713.27	5423.47	20138808.45	China
10	Pkg-2	5.32	Toilet Partition	Merino 'Titan Series'	62,369	Each	1,17,25,363	180	72971.67	13134900.6	Hong Kong (China)
11	Pkg-2	9.1	Aluminium Composite Panel	ALUCOBOND A2 or equivalent*	12,648	Sqm.	1,04,34,518	438.77	14798.04	6492936.011	China

12	Pkg-2	9.15	Wooden blinds	MAC/Vista premium or equivalent	6,244	Sqm.	1,03,02,270	1178.46	7305.24	8608933.13	Australia
13	Pkg-2	9.9	Suspended ceiling comprises of 4 mm thick Aluminium composite panel	ALUCOBOND A2 or equivalent*	4,109	Sqm.	81,55,968	1745.89	4807.29	8392999.538	China
14	Pkg-2	9.11(a)	9mm thick acoustical perforated Timber Sheet- Acoustical perforated Timber sheet- False ceiling	Sonapanel make or equivalent	4,495	sqm	3,02,04,384	5160.67	5258.79	27138879.79	Australia
15	Pkg-2	9.11(b)	9mm thick acoustical perforated Timber sheet -Acoustical perforated Timber sheet -Wall panelling	Sona panel make or equivalent	4,437	Sqm	40,81,672	678.7	5290.82	3590879.534	Australia
16	Pkg-2	1.01 (Sch-D)(a)	-Hall model wall hung WC -concealed Dual flush cistern -actuator plate (high line)	-Roca - Duravit	44,432	Each	4,88,752	11	50652.48	557177.28	Roca- Spain, Duravit- Germany
17	Pkg-2	1.01(b)	-DAMA SENSO wall hung WC -Concealed Dual flush cistern - Actuator plate (high line)	-Roca - Duravit -Geberit	34,890	Each	24,42,321	64	39774.94	2545596.16	Roca- Spain, Geberit- USA , Duravit- Germany

18	Pkg-2	1.01©	-GIRALDA wall hung W.C. -Concealed Dual flush cistern -Actuator plate (high line)	-Roca -Geberit -hindware / perryware	29,605	Each	16,28,300	58	33750.21	1957512.18	Roca- Spain, Geberit- USA
19	Pkg-2	1.03	Urinal basin with PVC 6 lts. auto flushing cistern	-Roca - Duravit	30,284	Each	14,53,678	47	34524.84	1622667.48	Roca- Spain, Duravit- Germany
20	Pkg-2	1.13	Blower/ hand dryer	GEM or equivalent	21,365	Each	4,91,413	14	24357.01	340998.14	
21	Pkg-2	1.15 (Sch.-D)	Paper towel dispenser, Hand dryer, Waste paper bin	D-line	2,12,117	Each	55,15,042	24	241813.38	5803521.12	Denmark
22	Pkg-2	1.17	paper towel dispenser	D-line or equivalent	29,680	Each	5,63,938	14	33836.28	473707.92	Denmark
23	Pkg-2	1.18	Paper waste bin	D-line or equivalent	26,760	Each	6,14,246	14	30445.23	426233.22	Denmark
24	Pkg-2	1.04(b)	Wash basin -Mounting - Sensor	-Roca -Geberit -Jaguar	24,158	Each	2,17,429	9	26629.43	239664.87	Roca- Spain, Geberit- USA ,
25	Pkg-2	1.02	-Urinal basin -Sensor	-Roca - Jaguar	37,587	Each	75,175	2	40797.52	81595.04	Roca- Spain
26	Pkg-2	4.8	Light points	Aco drain	23,363	Each	28,03,596	72	26,634	1917659.52	USA
				Total (Rs)			22,41,84,137			21,16,78,100.30	
				Total (Rs Crores)			22.42			21.17	

Items not executed

S#	Package #	Item No.	Nature of Item	Make/ brand approved	Rate per unit as per DE	Unit	Expenditure involved	Quantity Executed	Agreement Rate	Total expenditure involved	Country of Origin
27	Pkg-1	7.5	fixing clips(Expansion Joints)	Sika or equivalent	1,111	Rmt.	9,65,459	Not Executed	0	0	Australia
28	Pkg-2	3.2 of Sch B(II)	Vinyl flooring	ALTRO or equivalent	7,627	sqm	62,92,275	Not executed	0	0	UK
29	Pkg-2	3.13	Water repellent anti fungal coating	Sika or equivalent	407	sqm	44,95,223	Not executed	0	0	Australia
30	Pkg-2	4.2	Terracotta Tiles on wall with horizontal aluminium rails fasten to walls	Terreal make or equivalent	5,657	sqm.	26,58,555	Not executed	0	0	N.A
31	Pkg-2	10.4	Anti damp coating	Nano	119	Sqm	41,80,000	Not executed	0	0	N.A.
Grand Total							24,27,75,649				

*Executed as equivalent brand.

Annexes to Chapter 21

Annexe 21.1: Irregular Justification of the Quoted rates

(Rs. in crore)

Name of the package	Estimated cost put to tender	Value of the tender	% of above/less quoted by L1	Justified cost computed by dept	% over the dept justified cost	Justified cost worked out by Audit *	% over actual justified cost
Roads around Yamuna Sports Complex	35.38	40.64	14.87	40.90	(-) 0.64	37.57	8.17
Roads around commonwealth Games Village	31.16	34.63	11.11	36.44	(-) 5	35.30	-1.9
Roads around IGI Stadium (Kishan Ghat)	16.38	19.94	21.77	19.46	(+) 3	16.99	17.36
Roads around IGI Stadium (Ashram to Bhairon Marg)	35.55	41.95	18	41.82	0	37.71	11.24
Roads around IGI Stadium (Bhairon Marg ITO)	28.45	31.01	9	34.92	(-) 11	30.44	1.87
Mall road from Delhi University to Chhatrasal Staddium	20.44	24.15	18.18	26.60	(-) 9	21.78	10.88
Dr Karni Singh shooting range	19.98	24.42	22.25	28.92	(-) 16	21.94	11.30
Roads around various games venues (Africa Avenue)	21.80	25.27	15.91	25.80	(-) 2	22.86	10.54
Total	209.14	242.01		254.86		224.59	

Annexe 21.2: Different rates for Horticulture Items

(Rs. in crore)

SI No	Description of item	Minimum rate/ DSR rate	Unit	Rate adopted in the estimates	Diff	Percentage of excess	Quantity	Extra cost	Name of Packages where higher rates adopted
1	Supplying & stacking good earth	144.05 (Ashram to Bharon Marg)	Cum	234.84	90.79	63	50169	0.46	IGI stadium/ Yamuna Sports Complex
2	Removal of malba	61.19(DSR)	Cum	84.54	23.35	38	27396	0.06	IGI stadium/YSC
3	Maintenance of shrub	56.15 (Ashram to Bharon Marg)	each/year	98	41.85	75	50610	0.21	Delhi university to Chatrasal Stadium
4	Maintenance of shrub	56.15 (Ashram to Bharon Marg)	each/year	63	6.85	12	145324	0.10	YSC/CWG village
5	Maintenance of ground cover/lawn	23.16 (Bhairon to ITO)	sqm/year	36	12.84	55	19600	0.03	Delhi university to Chhatrasal Stadium/CWG
6	Providing/ planting Washingtonia palm	600 (Bhairon to ITO)	Each	2000	1400	233	600	0.08	CWG village
7	Providing/ planting Chloredendrum enermi	6 (Ashram to Bharon Marg)	Each	30	24	400	27230	0.07	Delhi university to Chhatrasal Stadium/CWG
9	Providing/ planting Ficus Panda	60 (Ashram to Bharon Marg)	Each	125	65	108	5439	0.04	IG Stadium
10	Providing/planting Ficus Panda	60 (Ashram to Bharon Marg)	Each	70	10	17	6824	0.01	CWG village/YSC
11	Providing/ planting Bougainvillea	22.05(DSR)	Each	60	37.95	172	7500	0.03	CWG village
	Total							1.08	

Appendix 21.3: Examples of high cost electrical items

Sl No	Work/Contractor	Specification/No of units	Unit cost as per Invoice	Unit Cost including all ancillary items	Estimated Unit rate (Rs.) put to Tender	Difference (Rs.)	Total extra cost with tender premium (Rs.)
1	Roads around IGI Stadium (Kisan Ghat) MBL	18 watt CFL with 1 metre steel body bollard/140	19352	22,537	27950	5413	9,22,797
2	Roads around IGI Stadium (Kisan Ghat) MBL	Trapez Pole of 9 metre height with four 140 watt cosmopolis lamp/6	2,81,343	3,25,270	4,53,910	1,28,640	9,39,870
3	Roads around IGI Stadium (Kisan Ghat)/MBL	Nemo Torch 150 watt metal halide lamp/20	1,92,435	2,24,020	4,29,978	2,05,958	50,15,901
4	Roads around IGI Stadium (Bharion Marg to ITO and Ashram to Bhairon Marg)/Sharma/SAM India	T5 Light fixture ATL make with 2x28 watt with aluminium dia cast body/570	5100	6321	8371	2050	13,78,830
	Total						82,57,398

Annexe 22.1 - Suspected alteration of bids in MCD

Suspected post tender alterations of M/s Sweka Power Tech Engineers Pvt. Ltd. In Phase-I

Item No., particulars	Quantity	Rate before correction	Rate after correction	Increase in quoted amount
1. SITC[1] of 12m PU poles	60	32,149	42,149	6,00,000
2. SITC of 12m galvanised poles	1813	28,358	38,358	0 *
3. SITC of 10m poles	910	23,974	28,974	45,50,000
21. Supplying & Laying (DWC) HDPE pipe (90mm dia)	115000	215	315	1,15,00,000
22 (a),S &L XLPE, Alu armoured cable	165000	185	285	1,65,00,000
1 % discount on 31,22,22,858			----	31,22,229

* The amended rate of 38358 was not accepted by MCD, as there was difference in the figure in digits and in words

Suspected post tender alterations of M/s Sweka Power Tech Engineers Pvt. Ltd. In Phase-II

Item No., particulars	Quantity	Rate before correction	Rate after correction	Difference in Amount	Remarks
22, Supplying & Laying HDPE pipe	212382	200	260	1,27,42,920	All three corrections are on one page of SoQ. Certificate at the bottom of page reads-"no cutting and one overwriting attested" whereas correction at item no 23(a) only is attested but not encircled by the tender opening officer. Other two corrections at item no 22 and 24 are neither encircled nor attested.
23(a), XLPE conductor 4cX 25 Sq.mm	246525	141	141	-	
24, Supplying & Laying HDPE by trenchless technique	20680	638	1638	2,06,80,000	

Annexe to Chapter 25

Annexe 25.1: Statement showing contract cost of components and total contract cost of the project

(Rs in crore)

Sr. No.	Particulars	Contractor	Date of work order	Contract Value	Stipulated period for completion	Expenditure till January 2011	Percentage of expenditure to tendered cost
1	Restoration of Connaught Place C Block	M/s Devi Construction	31/08/2007	1.99	28-02-2008 Work actually complete on 10-08-2008	1.63	Work completed
2	Restoration of facade of inner circle block	M/s Rajiwant Singh Contract	06/04/2009	15.64	05/04/2010	9.87	63.11
3	Restoration of facade (M).	M/s Himcon Engineering	13/07/2009	13.52	05/04/2010	9.93	73.45
4	Restoration of facade G,H, and K of CP	Contractor M/s Sharma Construction M/s Raus Infrass Ltd.	26/07/2009	12.20	20/05/2010	6.97	57.13
5	Civil, structural & finishing works including electrical, fire fighting, fire detection, CCTV, works for service corridor in middle circle of Connaught Place.	M/s Afcons Sterling and Wilson consortium	04/11/2009	236.70	03/05/2011	88.68	37.47
6	Civil structural, finishing & electrical works for new and existing subways in outer circle of CP	M/s ERA Infra Engineering Ltd.	05/11/2009	56.05	04/03/2011	12.38	22.09
7	Area Development Works for inner and outer circle of CP	SCG Contracts India Pvt. Ltd.	22/01/2010	35.93	21/10/2010	11.72	32.62
8	Facade lighting works in C Block	M/s Reiz Electro Controls Pvt.	25/02/2010	0.31	17/05/2010	0.00	0.00

Annexes to Chapter 26

Annexe 26.1 - Signal problems of DP with TETRA in non-venue/ venue areas of Delhi

Sl. No.	Place	Reporting Dates	Comments about performance
Non-venues			
1	DCP office complex at Pushpanjali Enclave, Residence in Central distt. DCP office complex Darya Ganj	3-10-2010 and 4-10-2010	Round the clock signal problems, inadequate signal network
2	Area of South District	4-10-2010,7-10-2010, 8-10-2010	Unclear signal in buildings premises and also call dropping while travelling
3	Vikas Puri premises of Police Station	4-10-2010	No communication from the premises of PS Vikas Puri
4	P.S. Premises, Ring road, ISBT Sarai Kale Khan, H.N.din Bridge, Millennium Park Bus depot	4-10-2010, 7-10-2010	No communication, intermittent
5	Inside PHQ buildings in and around D-1/119 Satya Marg and in moving car , Niti Marg, Akbar road	27-09-2010 to 04-10-2010	No network coverage, transmission not completed.
6	MHA North block near gate no. 7, Firoz Shah road, W point ITO, A-point ITO, PHQ ground floor, PT street hotel Shangrila (Ashok road)	4-10-2010, 6-10-2010, 8-10-2010	No communication PC call unable, dead zone
7	No. 11 Murti Marg, Mother Teresa Crescent, R. K. Ashram marg, Sikandra road, Firoz Shah road, Talkatora road and onward PHQ office	30-09-2010	No signal, signal cut
8	Jai Singh road, Vasant Kunj,	03-10-2010 to 11-10-2010	Signal leaves regularly, no signals in various times

Sl. No.	Place	Reporting Dates	Comments about performance
9	Bhopal Ground, R.K.Puram, Dwarka	04-10-2010, 7- 10-2010 to 9-10- 2010	No signal, intermittent
10	Food court, MPC and various halls, IBC	05-10-2010 to 11-10-2010	Service denied
11	Parliament street Andrews Ganj, Rohtak road Sakur basti, Motilal Nehru Marg, Ashok Vihar, Akbar road	06-10-2010 to 07-10-2010	No service
12	Airport Delhi in Terminal - III	03-10-2010	No connectivity
13	Todar Mal road, JLN Marg near Delhi Gate, DCP/ Central office complex, Outer Circle Connaught Place, Police station Pahar Ganj East	03-10-2010	Weak signals, no communication, red light blinking, no communication message on the screen "PTT denied"
14	Inside Airport	03-10-2010	Discharging of batteries
15	Vasant Kunj, Mandir Marg Kalibari Road	08-10-2010	Poor signals
Venues			
1.	Ash Pond	10.10.2010	No service, no signal, network busy
2.	K.S.S.R	11.10.2010	Signal poor
3.	Yamuna Sports Complex	11.10.2010	No communication
4.	Jawahar Lal Nehru Sports Complex	11.10.2010	No transmission
5.	Siri Fort Sports Complex	11.10.2010	No signal
6.	M.D.C National Stadium	11.10.2010	Signal cutting, no clarity
7.	Siri Fort Sports Complex	13.10.2010	Connectivity poor and unreliable, not available after some time, call dropping is very frequently, voice does not carry
8.	Logistic screening centre	13.10.2010 14.10.2010	Service not available, no communication
9.	M.D.C National Stadium	3.10.2010	No communication, no service, PTT denied, signal cutting

Sl. No.	Place	Reporting Dates	Comments about performance
10.	Jawahar Lal Nehru Sports Complex	7.10.2010	Intermittent, no transmission, high fluctuation in transmission, signal breaking, weak signal
11.	Yamuna Sports Complex	09.10.2010	No signal, intermittent, no communication, no response
12.	Bhopal Ground J.M.I	09.10.2010	Receiving signal very weak
13.	Talkatora Indoor Stadium	08.10.2010	Signal remained very poor for a very long time, signal nil.
14.	I.G. Sports Complex	08.10.2010	Intermittent, no communication
15.	Jawahar Lal Nehru Sports Complex	09.10.2010	Persistent problem of fluctuating transmission, No transmission
16.	K.S.S.R	09.10.2010	Signals not clear, voice in the set is not clear, poor connectivity, poor audio quality, communication get delink, poor network
17.	Yamuna Sports Complex	10.10.2010	No communication
18.	K.S.S.R	10.10.2010	Voice is shaking, voice not clear, transmission of signals is not proper and creates echo on communication, signals are weak and voice clarity is not upto the mark, poor network, poor sound.

Annexes to Chapter 30

Annexe 30.1 Available rates for 34 major medical equipments

Sl No.	Name of Equipment	No.	Cancelled NIT-1 (DHS)	NIT-2 RC (DHS)	Actual Rates on which items procured	Other rates available
1.	Patient Stools	110	1522	1260	DHS-RC	
2.	Examination couch with mattress	50	19897	12070	DHS-RC	18900-LNJP
3.	Three Fold Partition screen	350	3096	2762	DHS-RC	
4.	Trolley Bed	-	166688	288749	---	
5.	Foldable wheel chair	55	12600	103320	DHS-RC	18900-LNJP
6.	Shifting Trolley	-	46725	75600	---	
7.	Scoop Stretcher	135	62475	86100	RC-GTBH	13650-LNJP
8.	Spine Board	130	15750	6300	DHS-RC	20475-LNJP
9.	Head Immobiliser	130	9975	6825	DHS-RC	6825-LNJP
10.	Physiotherapy Table	06	146842	430500	DHS-RC	157500-LNJP
11.	Superior Massage Table with Mattress with pillow	220	21525	57749	Open market by quotation approval	
12.	Ultrasound Therapy (1& 3MHz)	09	146843	367499	Pt MMMH-RC	50925-LNJP
13.	IRR Lamp	-	141750	488250	---	68250-LNJP
14.	Shortwave Diathermy	04	502950	518700	Pt MMMH-RC	

Sl No.	Name of Equipment	No.	Cancelled NIT-1 (DHS)	NIT-2 RC (DHS)	Actual Rates on which items procured	Other rates available
15.	Physiotherapy Laser	06	258930	409500	DHS-RC	194250-LNJP
16.	TENS-IFT Combo	08	262395	414749	Safdarjung Hosp.-RC	
17.	X-ray View Box	17	20790	35700	GTBH-RC	
18.	Golf Cart Stretcher	-	470924	518699	--	
19.	Automatic External Defibrillator (AED)15	93	509250	519751	DMSCH	140175- GGSH/Hedgewar
20.	Pulse Oxymeter	64	119700	151200	DHS-RC	21525-LNJP
21.	Cardiac Arrest resuscitation drug and equipment trolley crash cart	03	19792	27100	DHS-RC	81900-DMSCH
22.	Examination Light	32	30907	47249	As per stock	
23.	Ophthalmoscope	---	25725	50400	---	
24.	B-type Oxygen Cylinder with flowmeter	10	110250	6405	DHS-RC	
25.	Suction Machine Electrical Operated	05	5932	5932	DHS-RC	
26.	Suction Machine Foot Operated Manual	45	2887	6090	GTBH-RC	
27.	Ambu Bag (Bag Value Mask) Adult	80	2048	5145	DHS-RC	
28.	Ambu Bag (Bag Value Mask) Paediatric	80	2048	5145	DHS-RC	
29.	I.V. Stand	110	1670	1523	DHS-RC	
30.	B.P. Apparatus	200	3728	6825	GTBH-RC	3860-LNJP
31.	Clinical Thermometer	120	73	71	DHS-RC	

Sl No.	Name of Equipment	No.	Cancelled NIT-1 (DHS)	NIT-2 RC (DHS)	Actual Rates on which items procured	Other rates available
32.	Military Anti-shock Trousers (MAST)	04	37800	35070	35070	DHS-RC
33.	Transport Ventilators	12	372750	516729	485100	ILBS-RC
34.	Nebulizer	62	8379	8206	8206	DHS-RC

RMLH: Ram Manohar Lohia Hospital; LNJP: Lok Nanak JayaPrakash Narayan Hospital; DHS: Directorate of Health Services; MMMH: Pt. Madan Mohan Malviya Hospital; GTBH: Guru Teg Bahadur Hospital; DMSCH: Dadadev Maitri Sishu Chikitsalaya; GGSB: Guru Gobind Singh Govt. Hospital

Annexe 30.2 Details of purchases of equipment on abnormally higher rates

(in Rs.)

Name of purchasing agency	Sl. No. of items	Name of equipment	Quantity purchased	Rate inclusive Taxes	Amount inclusive Taxes	Paid Taxes	FVC bill No. and Date	Lowest available rate	Name of Hospital	R.C	Difference rate (Rs.)	Amount of Extra avoidable expenditure
DHS	1.	Pulse Oximeter	52+12	151200	9676800		635, dt.10.9.10 859, dt.2.1.1.10	21525	LNJP		129675	8299200
	2.	Ultrasound Therapy Unit	9	94500	850500		859, dt.2.1.1.10	50925	-do-		43575	392175
	3.	Physiotherapy laser	3	409500	1228500		635, dt.10.9.10	194250	-do-		215250	645750
	4.	AED (45+7+23+15)	90	203742	18336780		637, 9.10.10 (45)720, 1.10.10 (7) 775, 8.10.10(23) 685, 24.9.10(15)	140175	GGHS		63567	5721030
Lok Nayak Hospital	5.	Examination Coach with mattress	02	18900	37800		906, dt.4.1.1.10	12070	DHS		6830	13660
	6.	Emergency Crash Card Trolley	02	87750	175500		728, dt.25.9.10	27100	-do-		60650	121300
	7.	Spine Board	07	20475	143325		906, dt.4.1.1.10	6300	-do-		14175	99225
	8.	A.E.D	15	203742	3056130		729, dt.22.9.10	140175	Hedgewar Arogya sansthan		63567	935505
Ram Manohar Lohia Hospital	9.	I.C.U Beds	16	226799	3628787		896, dt.3.1.1.10	135135	GB Pant Hospital, RC dt.19.7.10		91664	1466624
	10.	Spine Board	05	12600	63000		735	6300	-do-		6300	31500
Guru Teg Bahadur Hospital	11.	A.E.D	03	451500	1354500		756/10	140175	Hedgewar Arogya Sansthan		311325	933975
	12.	Physiotherapy Laser	02	409500	819000		2607 dt 8.11.10	194250	LNJP		215250	430500
	13.	Automatic External Defibrillator (AED)	04	203742	814968		2625, dt.9.11.10	140175	Hedgewar Arogya Sansthan		63567	254268
Total												1,93,62,712, Say, 1.94 crore

Annexe to Chapter 31

Annexe: 31.1 - Details of excess billing by ECIL

(Amount in Rs.)

Sl. No.	Venue	Billed Quantity	EFC Approved Rate	Total Billed Amount	Purchase Cost/unit	Total Purchase Cost	Excess Amount billed
	(1)	(2)	(3)	(4)	(5)	(6)	(4)-(6)
1.	IP Fixed CCD Camera	2,848	76,130	21,68,18,240	34,348	9,78,23,104	11,89,95,136
2.	IP Dome Camera	544	2,03,305	11,05,97,920	93,415	5,08,17,760	5,97,80,160
3.	Display Work Station	179	90,852	1,62,62,508	1,08,740	1,94,64,460	-3,201,952
4.	24" display LCD	86	57,316	49,29,176	27,342	23,51,412	25,77,764
5.	42" display LCD	157	1,35,236	2,12,32,052	65,500	1,02,83,500	1,09,48,552
6.	Control Panels / Joy Sticks	87	76,784	66,80,208	25,272	21,98,664	44,81,544
7.	Video Management Server Software Suite	6,568	15,482	10,16,85,776	3,92,057	1,29,37,881 ¹	8,87,47,895
8.	Video Analytic Software Suite Motion	605	48,829	2,95,41,545	10,453	63,24,065	2,32,17,480
9.	Video Analytic Software Suite Crowd	516	22,628	1,16,76,048	10,453	53,93,748	62,82,300
10.	Video Recording Server (Type I) with 33 TB storage	2	21,25,881	42,51,762	7,41,184	14,82,368	27,69,394

¹ Only 33 numbers were purchased by ECIL, one for each venue

Sl. No.	Venue	Billed Quantity	EFC Approved Rate	Total Billed Amount	Purchase Cost/unit	Total Purchase Cost	Excess Amount billed
	Video Recording Server (Type I) with 33 TB storage	135	36,40,581	49,14,78,435	7,41,184	10,00,59,840	39,14,18,595
11.	Video Recording Server (Type I) with 2 TB storage	12	1,35,000	16,20,000	1,44,000	17,28,000	-1,08,000
12.	R F Reader	208	1,94,684	4,04,94,272	1,08,541	2,25,76,528	1,79,17,744
	R F Reader	2	1,62,000	3,24,000	1,08,541	2,17,082	1,06,918
13.	RF Tags	16,500	2,596	4,28,34,000	1,270	2,09,55,000	2,18,79,000
	RF Tags	2,200	2,160	47,52,000	1,270	27,94,000	19,58,000
14.	Boom Barrier 3M	27	2,53,089	68,33,403	1,11,790	30,18,330	38,15,073
15.	Boom Barrier 6M	134	3,24,463	4,34,78,042	1,17,781	1,57,82,654	2,76,95,388
16.	Tyre Killer 3M	3	24,76,893	74,30,679	17,50,700	52,52,100	21,78,579
17.	Tyre Killer 6M	15	27,59,873	4,13,98,095	24,64,628	3,69,69,420	44,28,675
	Tyre Killer 6M	2	27,79,886	55,59,772	24,64,628	49,29,256	6,30,516
18.	Road Blocker 3M	3	43,54,421	1,30,63,263	41,00,724	1,23,02,172	7,61,091
19.	Road Blocker 6M	22	87,05,063	19,15,11,386	59,92,000	13,18,24,000	5,96,87,386
20.	Wedge barrier 5M	5	51,79,943	2,58,99,715	23,58,202	1,17,91,010	1,41,08,705
21.	Flap Barrier 1 lane (Standard)	300	8,43,629	25,30,88,700	3,57,532	10,72,59,600	14,58,29,100
	Flap Barrier 1 lane (Wide)	32	8,43,629	2,69,96,128	4,62,562	1,48,01,984	1,21,94,144
22.	Portable Explosive Detector	176	19,46,835	34,26,42,960	12,10,056	21,29,69,856	12,96,73,104

Sl. No.	Venue	Billed Quantity	EFC Approved Rate	Total Billed Amount	Purchase Cost/unit	Total Purchase Cost	Excess Amount billed
23.	Kiosk with Panel PC, Webcam, Barcode Reader	173	15,57,47	2,69,44,231	88,235	1,52,64,655	1,16,79,576
24.	Network TFT Display Monitor	85	1,67,636	1,42,49,060	88,235	74,99,975	67,49,085
25.	Industry standard 42 U Rack with accessories	82	97,200	79,70,400	31,756	26,03,992	53,66,408
26.	Access Client Application Software	641	27,000	1,73,07,000	0 ²	0	1,73,07,000
27.	Door Framed Metal Detector	11	6,75,000	74,25,000	2,70,000	29,70,000	44,55,000
28.	Hand Held Metal Detector	16	4,950	79,200	3,000	48,000	31,200
29.	X-ray Baggage Scanner	4	16,20,000	64,80,000	16,00,000	64,00,000	80,000
30.	Manually operated Tyre killer 3M	2	2,47,500	4,95,000	1,98,000	3,96,000	99,000
31.	Hand Held bar code reader (used for Driver)	1	31,500	31,500	24,725	24,725	6,775
32.	Road block Roller 3M	4	90,000	3,60,000	56,000	2,24,000	1,36,000
33.	Spike buster	5	5,40,000	27,00,000	3,02,400	15,12,000	11,88,000
34.	Data Base/ Admin Server (VMS) Type I	49	2,73,976	1,34,24,824	1,71,840	84,20,160	50,04,664

² Purchase cost included in Central Access Control Systems Software Suite.

Sl. No.	Venue	Billed Quantity	EFC Approved Rate	Total Billed Amount	Purchase Cost/unit	Total Purchase Cost	Excess Amount billed
35.	Video Analytic server (VAS) Type I	58	2,73,976	1,58,90,608	1,71,840	99,66,720	59,23,888
36.	Vehicle access Client PCs (VACS) Type III	142	2,20,622	3,13,28,324	97,500	1,38,45,000	1,74,83,324
37.	Central Access Control Server (CACs) Type II	47	2,05,200	96,44,400	1,08,890	51,17,830	45,26,570
38.	Accreditation / Ticketing Gateway PC (GWPC)	31	64,800	20,08,800	30,000	9,30,000	10,78,800
39.	Fire Alarm Gateway PC	30	64,800	19,44,000	30,000	9,00,000	10,44,000
40.	Monitoring / Admin nodes	51	64,800	33,04,800	30,000	15,30,000	17,74,800
41.	Server Operating System Licenses	273	1,10,957	3,02,91,261	29,360	80,15,280	2,22,75,981
42.	Data Base Server Licenses	75	91,800	68,85,000	1,31,350	65,67,500 ³	3,17,500
43.	Work Station / Kiosk OS Licenses	987	8,640	85,27,680	0 ⁴	0	85,27,680
	Total			227,03,71,173		100,65,43,631	126,38,27,542

³ Only 50 numbers were purchased by ECIL

⁴ Purchase cost included in other equipment.

GLOSSARY

AAI	Airports Authority of India
AC Bill	Abstract Contingent Bill
ACC	Appointment Committee of Cabinet
ADG	Additional Director General
AED	Automatic External Defibrillator
AFE	Authorization for Expenditure
AGM	Annual General Meeting
AIBA	International Boxing Association
AIIMS	All India Institute of Medical Sciences
AIR	All India Radio
AITA	All India Tennis Association
ALS	Advanced Life Support
ANOC	Association of National Olympic Committee
ASI	Archeological Survey of India
AUD	Australian Dollar
BAN	Broadcast Audio Network
BB	Broadband
BBC	British Broadcasting Corporation
BCI	Business Club of India
BECIL	Broadcast Engineering Consultants India Limited
BLS	Basic Life Support
BoA	Board of Assessors
BOH	Back of House
BOQs	Bill of Quantities
BOT	Build Operate Transfer
BRTS	Bus Rapid Transit System
BVN	Broadcast Video Network
BYPL	BSES Yamuna Power Limited
CAC	Consultant Appointment Committee
CAG	Comptroller and Auditor General of India
CATS	Centralized Accidental Trauma Services
CBRI	Central Building Research Institute
CBRN	Chemical, Biological, Radiological and Nuclear
CC	Cement Concrete
CCEA	Cabinet Committee on Economic Affairs
CCR	Central Control Room
CCTV	Close Circuit Television

CD	Compact Disc
CDIL	Compact Disc India Limited
CDMA	Code Division Multiple Access
CE	Chief Engineer
CEO	Chief Executive Officer
CERT	Computer Emergency Response Team
CFL	Compact Fluorescent Lamp
CGA	Commonwealth Games Association
CGF	Commonwealth Games Federation
CGM	Chief General Manager
CGV	Catering for Games Village
CIF	Custom Insurance Freight
CII	Confederation of Indian Industries
CIS	Commentary Information System
CM	Chief Minister
CMD	Chairman cum Managing Director
CNE	Committee on Non Plan Expenditure
CoCOM	Co-ordination Commission
COO	Chief Operating Officer
CoS	Committee of Secretaries
CP	Commissioner of Police
CPM	Critical Path Method
CPSL	Corporate Sales
CPWD	Central Public Works Department
CRA	Committee for Registration of Ambulances
CRMB	Crumb Rubber Modified Bitumen
CRPF	Central Reserve Police Force
CRRI	Central Road Research Institute
CS	Chief Secretary
CSSD	Central Sterile Supply Department
CW	Commonwealth
CWG	Commonwealth Games
CWPRS	Central Water and Power Research Station
CYG	Commonwealth Youth Games
DAR	Delhi Analysis of Rates
DB	Design & Build
DBC	Dense Bituminous Concrete
DBM	Dense Bituminous Macadam
DBO	Design, Build & Operate
DCE	Delhi College of Engineering
DD	Doordarshan

DDA	Delhi Development Authority
DDG	Deputy Director General
DDR	Digital Disk Recorder
DDs	Deputy Directors
DFS	Delhi Fire Service
DG	Diesel Generator
DGM	Deputy General Manager
DGOC	Director General Organizing Committee
DGS&D	Directorate General of Supplies & Disposals
DHS	Directorate of Health Services
DIAL	Delhi International Airport Limited
DIMTS	Delhi Integrated Multi-modal Transit System
DJB	Delhi Jal Board
DLP	Defect Liability Period
DMRC	Delhi Metro Rail Corporation
DNC	Delaware North Company
DoHF	Department of Health & Family Welfare
DoT	Department of Telecommunications
DP	Delhi Police
DPCC	Delhi Pollution Control Committee
DPR	Detailed Project Report
DPS	Delhi Public School
DSR	Delhi Schedule of Rates
DSYS	Department of Sports & Youth Services
DTAA	Double Tax Avoidance Agreement
DTC	Delhi Transport Corporation
DTL	Delhi Transco Limited
DTTDC	Delhi Tourism & Transport Development Corporation
DU	Delhi University
DUAC	Delhi Urban Art Commission
DVD	Digital Video Disc
E&Y	Ernst & Young
EB	Executive Board
EC	Executive Committee
ECG	Electrocardiography
ECIL	Electronics Corporation of Indian Limited
EDP	
EE	Executive Engineer
EFC	Expenditure Finance Committee
EIC	Engineer-in-Chief
EIL	Engineers India Limited
EKS	Event Knowledge Services
EMC	Executive Management Committee

EMD	Earnest Money Deposit
EOI	Expression of Interest
EOT	Extension of Time
EPC	Engineering, Procurement & Commissioning
ESC	Empowered Security Committee
F&A	Finance & Accounts
FAR	Floor Area Ratio
FAs	Functional Areas
FOH	Front of House
FOP	Field of Play
FSC	Finance Sub-Committee
FSI	Floor Space Index
GBE	Great Big Events
GDA	Ghaziabad Development Authority
GDM	Games Data Network
GIS	Games Information System
GM	General Manager
GMS	Games Master Schedule
GMS	Games Management System
GNCTD	Government of National Capital Territory of Delhi
GNS	Games News Service
GOI	Government of India
GoM	Group of Ministers
GoM	Government of Maharashtra
GOO	Group of Officers
GOP	General Organization Plan
GSB	Granular Sub Base
GSM	Global System for Mobile Communication
HACCP	Hazard Analysis and Critical Control Points
HAP	Health Action Plan
HB	Host Broadcaster
HBMC	Host Broadcast Management Committee
HCC	Host City Contract
HD	High Definition
HD Cam	High Definition Camera
HDTV	High Definition Television
HIG	High Income Group
HPC	High Powered Committee
HT	Hindustan Times
I&B	Information & Broadcasting
IAAF	International Association of Athletic Federations
IAG	Inter Agency Group
IAS	Indian Administrative Service

IBC	International Broadcast Centre
IBF	International Boxing Federation
ICU	Intensive Care Unit
IDFC	
IFs	International Federations
IG	Indira Gandhi
IGBS	International Games Broadcasting Services
IIT	Indian Institute of Technology
IOA	Indian Olympic Association
IP TV	Internet Protocol Television
IP/MPLS	Internet Protocol/Multi Protocol Label Switching
IPL	Indian Premier League
IRCTC	Indian Railway Catering & Tourism Corporation
IRDA	Insurance Regulatory and Development Authority
ISD	International Sports Division
ISO	International Organization for Standardization
ISS	Integrated Security System
IT	Information Technology
ITDC	Indian Tourism Development Corporation Ltd.
ITO	International Technical Officers
ITO	Income Tax Office
ITPO	India Trade Promotion Organization
JDG	Joint Director General
JLN	Jawaharlal Nehru
JLNS	Jawaharlal Nehru Stadium
JMI	Jamia Millia Islamia University
JMW	Jack Morton World Wide
JNNURM	Jawaharlal Nehru National Urban Renewal Mission
KSSR	Karni Singh Shooting Range
KVA	Kilo Volt Ampere
L&DO	Land & Development Office
LAC	Land Acquisition Collector
LB	Lower Basement
LD	Land Disposal
LD	Liquidated Damages
LED	Light Emitting Diode
LG	Lieutenant Governor
LIG	Low Income Group
LoA	Letter of Award
LoI	Letter of Intent
MAP	Mutual Agreement Proceedings
MB Road	Mehrauli Badarpur Road
MCD	Municipal Corporation of Delhi

MDC	Major Dhayanchand
MEA	Ministry of External Affairs
MGD	Million Gallon per Day
MGMS	Medical Gas Manifold System
MHA	Ministry of Home Affairs
MHFW	Ministry of Health & Family Welfare
MLA	Member of Legislative Assembly
MLC	
MLD	Million Litre per Day
MLSS	Mixed Liquor Suspended Solid
MMS	Multimedia Messaging Service
MOCI	Ministry of Commerce & Industry
MoD	Ministry of Defence
MoEF	Ministry of Environment & Forest
MoF	Ministry of Finance
MoI&B	Ministry of Information & Broadcasting
MoRT&H	Ministry of Road Transport & Highways
MoS	Minister of State
MoT	Ministry of Tourism
MOT	Modular Operation Theatre
MoU	Memorandum of Understanding
MoUD	Ministry of Urban Development
MP	Member of Parliament
MPC	Main Press Centre
MPD -2021	Master Plan of Delhi
MR	Market Rates
MRI	Magnetic Resonance Imaging
MRP	Maximum Retail Price
M RTP	Monopolies and Restrictive Trade Practice
MT	Million Tonne
MTNL	Mahanagar Telephone Nigam Limited
MYAS	Ministry of Youth Affairs & Sports
NCR	National Capital Region
NDMC	New Delhi Municipal Council
NDTV	New Delhi Television
NH	National Highway
NHAI	National Highway Authority of India
NIC	National Informatics Centre
NIT	Notice Inviting Tender
NMV	Non Motorized Vehicle
NOC	No Objection Certificate
NOIDA	New Okhla Industrial Development Authority
NTO	National Technical Officers

NTU	Nephelometric Turbidity Units
O&M	Operation & Maintenance
OB Van	Outside Broadcasting Van
OC	Organizing Committee
OCFC	Organizing Committee Finance Committee
OCGC	Commonwealth Games Co-ordination
PA	Programme Assistant
PAN	Permanent Account Number
PB	Prasar Bharati
PBDE	Polybrominated diphenyl ether
PBL	Premier Brands Limited
PCMC	Pimpri Chinchwad Municipal Corporation
PCR	Police Control Room
PE	Permanent Establishment
PED	Portable Explosive Detectors
PERT	Programme Evaluation and Review Technique
PIB	Press Information Bureau
Pl. Comm.	Planning Commission
PM	Prime Minister
PMB	Polymer Modified Bitumen
PMC	Pune Municipal Corporation
PMC	Project Management Consultant
PMO	Prime Minister Office
PMS	Project Monitoring System
PO	Project Officer
PO	Programme Officer
PPCL	Pragati Power Corporation Limited
PPP	Public Private Partnership
PQ	Pre-qualification
PQ	Pre Qualification
PRISM	Performance Review Indicators Monitoring & Evaluation of Sports Persons
PSP	Public - Semi Public
PSU	Public Sector Undertaking
PVC	Polyvinyl Chloride
PWC	Pricewaterhouse Coopers Pvt. Ltd.
PWD	Public Works Department
PWD	Public Works Department
QAC	Quality Assurance Cell
QBR	Queen's Baton Relay
RC	Rate Contract
RFI	Request for Information
RFID	Radio Frequency Identification

RFP	Request For Proposal
RFQ	Request For Quotation
RHB	Right Holder Broadcasters
RML	Ram Manohar Lohia
SAF	South Asian Federation
SAI	Sports Authority of India
SD	Standard Definition
SDG	Special Director General
SDN	Security Data Network
SEs	Superintending Engineers
SEZ	South East Zone
SFSC	Sirifort Sports Complex
SIC	Sports Injury Centre
SIS	Satellite Information Service
SJ	Safdarjung
SLP	Special Leave Petition
SMAM	Sports Marketing and Management
SMS	Short Message Service
SOE	Statement of Expenditure
SOFs	Statement of Facts
SOW	Scope of Work
SPA	Shashi Prabhu & Associates
SPC	Special Purpose Company
SPM	Dr. Shyama Prasad Mukherjee
SPV	Special Purpose Vehicle
SSC	Saket Sports Complex
SSM Camera	Super Slow Motion Camera
STI	Staff Training Institute
STP	Sewage Treatment Plant
STPI	Software Technology Park of India
TCIL	Telecommunications Consultants India Limited
TCS	Tata Consultancy Services
TDS	Tax Deducted at Source
TETRA	Terrestrial Trunked Radio
TPQC	Third Party Quality Control
TSR	Timing Scoring & Results
TVNZ	TV New Zealand
UC	Utilization Certificate
UD	Urban Development
UGC	University Grants Commission
UK	United Kingdom
UPS	Uninterrupted Power Supply
USD	United States Dollar

UTTIPEC	Unified Traffic and Transportation Infrastructure Planning and Engineering Centre
VAS	Venue Appraisal Study
VAT	Value Added Tax
VIK	Value in Kind
VIPs	Very Important Persons
VMCs	Venue Media Centres
VTR	Video Tape Recorder
WAB	Works Advisory Board
WBM	World Broadcasters Meet
WHO	World Health Organization
WMM	Wet Mix Macadam
WTP	Water Treatment Plant
YAS	Youth Affairs and Sports
YSC	Yamuna Sports Complex





