

Pre bid clarifications
to the queries raised in the pre bid
conference
held
on
09.12.10 and 23.12.10

In reference to the pre bid conference held on 09.12.10 and 23.12.10 in Hartron to take up the queries raised by the prospective bidders on the RFP floated by Hartron for the supply, installation and commissioning of security and surveillance system at various jails of Haryana on Build own operate and transfer (BOOT) model.

The following are the clarifications issued subsequent to the pre bid conference

- a. The following be read along with the clause no 2 Scope of work.

The solution so proposed must be able to provide the surveillance of the jails as per the following:-

- a) Outer Gate of Jail Periphery- The CCTV Camera required at the outer gate should be of the capacity to cover all the vehicles including the number plates, people coming towards the gate or standing outside the jail outer gate. It should be of the capacity to cover at least 50m outside the gate and 100m inside the gate i.e. both side of the gate as the case may be with the respective jail.
- b) Administrative Block Jail Front Gate- The area required for surveillance at the front gate be of at least 100m to capture the entire moving toward the main gate as the case may be with the respective jail.
- c) Mulaquat Room- Surveillance is required for the complete monitoring of the Mulaquat room, one at the outside and the other inside to cover all the detail of entries of both mulaquats and inmates.
- d) Deodi (Main gate)- The cameras required in the deodi should cover the entry, exit and given a complete view round the clock.
- e) Administrative Block Jail Rear Gate (Inside Jail)- The requirement at the inside gate of deodi is to give complete coverage of entry and exit from inside the jail up to a distance of at least 100m.
- f) Main wall- The cameras installed must provide a complete view of the main perimeter wall up to distance of at least 20m both inside as well as outside of the main wall.
- g) Barracks:-The cameras required should give a complete view of the open area and the entrance of each barrack as per the requirement of the respective jails.
- h) Security Cells-The cameras are required to cover the open area of complete ward and entrance in the security ward.

- i) **Cook House**-The requirement is to cover the open uncovered area and the entrance barrack as per the requirement of the respective jails.
- j) **Open Area** - Camera required to give a complete view of open area as per the requirement of the respective jails.

b. The detailed requirement of each jail is listed below:-

I. Surveillance system for Juvanila jail Hisar

Sr. No	Location	Area
1.	Area outside Deedy	Length=200Ft/Width=100Ft
2.	Total Area of meeting room (Mulaakat)	Length=15Ft/Width=20Ft
3.	Total area inside the deedy main gate	Length=40Ft/Width=20Ft
4.	Area from main gate to burj no.1	Length=231Ft
5.	Area From Burj No. 1 to Burj No. 2	Length=626Ft
6.	Area From Burj No. 2 to Burj No. 3	Length=410 Ft
7.	Area From Burj No. 3 to Burj No. 4	Length=418 Ft
8.	Area From Burj No. 4 to Burj No. 5	Length=436 Ft
9.	Area From Burj No. 5 to Burj No. 6	Length=413 Ft
10.	Open Area	Length=471 Ft, Width=483Ft
11.	Area of Factory and Godown	Length=318 Ft
12.	Area inside the shed of factory in the female ward	Length= 57Ft/Width=45 ft
13.	Open Area outside the factory in the female ward	Length= 112FtWidth=42 ft
14.	Open Area in the Female ward/Play ground area	Length= 295Ft
15.	Juvenile Wards (3), Open Area & on entrance of each ward.	

II. surveillance system for Central Jail Hisar

Sr. No	Location	Area
1.	Visitor Area near barrier-main gate	Length=400Ft/Width=200Ft
2.	Area outside the deodi	Length=300Ft/Width=200Ft
3.	Area of meeting room	Length=55Ft/Width=16Ft
4.	Area of mulaqat room-1 for meeting	Length=16Ft/ Width=8Ft
	Area of mulaqat room-2 for meeting	Length=11Ft/ Width=8Ft
5.	Area inside the main gate deodi.	Length=40 Ft/ Width=20Ft
6.	Area from main gate to burj no.1	Length=600 Ft/ Width=50Ft
7.	Area From Burj No. 1 to Burj No. 2	Length=1200Ft/ Width=50Ft
8.	Area From Burj No. 2 to Burj No. 3	Length=1200 Ft/ Width=50Ft
9.	Area From Burj No. 3 to Burj No. 4	Length=1200 Ft/ Width=50Ft
10.	Area from burj no.4 to main gate deodi	Length=600 Ft/ Width=50Ft
11.	Outside Area of video conferencing block (where prisoners wait for their turn to produce them through VC	Length= 189Ft/ Width=146Ft

	Facility)	
12.	Entrance & Outer open Area of old block of B-Class prisoners	Length= 144Ft/ Width=125Ft
13.	Entrance & Outer Area of Block no.1	Length= 190Ft/ Width=144Ft
14.	Entrance & Outer Open Area of hospital	Length= 350Ft/Width=159 ft
15.	Entrance & Outer Open Area of block no.2	Length= 285Ft/ Width=159Ft
16.	Entrance & Outer open Area of block no.3	Length= 285Ft/ Width=159Ft
17.	Entrance & Outer Open Area of block no.4	Length= 285Ft/ Width=159Ft
18.	Entrance & Outer Open Area of block no.5	Length= 348Ft/ Width=161Ft
19.	Entrance & Outer Open Area of block no.6	Length= 273Ft/ Width=192Ft
20.	Entrance & Outer Open Area of block no.7	Length= 347Ft/ Width=225Ft
21.	Entrance & Outer Open Area of block no.8	Length= 246Ft/ Width=147Ft
22.	Entrance & Outer Open Area of block no.9	Length= 304Ft/ Width=144Ft
23.	Entrance & Outer Open Area of Block no.10	Length= 114Ft/ Width=106Ft
24.	Entrance & Outer Open Area of Block no.11	Length= 114Ft/ Width=106Ft
25.	Entrance & Outer Open Area of Block no.12	Length= 114Ft/ Width=106Ft
26.	Entrance & Outer Open Area of Block no.13	Length= 114Ft/ Width=106Ft
27.	Entrance & Outer Open Area of langer	Length= 273Ft/ Width=106Ft
28.	Area of Godown In which three blocks of 135x22, 164x18 & 145x19	Length= 224Ft/ Width=165Ft
29.	Area of factory is in two parts (First Part) (Second Part) One hall of 54x26 and one hall of 74x20 in Part One One hall of 63x18 and one hall of 74x28 in Part Two	Length= 275Ft/ Width=216Ft Length= 335Ft/ Width=227Ft
30.	Open area of Bagicha in the jail	Length= 550Ft/ Width=500Ft

III. Surveillance system for District Jail, Jind

Sr. No	Place	Size
1.	Interview Room	29'x15'
2.	Main Gate	29'x19'

3.	Entrance & Outer Open Area of Juvenile Ward	75'x55'
4.	Entrance & Outer Open Area of Old Kitchen	67'x48'
5.	Entrance & Outer Open of Area Old Barrack No. 1 & 2	95'x37.6'
6.	Entrance & Outer Open Area of Old Barrack No. 3 & 4	95'x37.6'
7.	Entrance & Outer Open Area of Old Barrack No. 5 & 6	95'x37.6'
8.	Entrance & Outer Open Area of Old Barrack No. 7 & 8	95'x37.6'
9.	Entrance & Outer Open Area of Old Barrack No. 9 & 10	95'x37.6'
10.	Entrance & Outer Open Area of Old Barrack No. 11	99'x37.6'
11.	Entrance & Outer Open Area of Security Cell Ward	117.6'x62'
12.	Entrance & Outer Open Area of New Kitchen	100'x63.6'
13.	Entrance & Outer Open Area of New UT Block Barrack 1-4	114'x107'
14.	Entrance & Outer Open Area of New UT Block Barrack 5-8	114'x107'
15.	Open Ground Area	145'x145'

IV. Surveillance system for District Jail, Kaithal

Sr. No	Name	Distance to be Surveillance under CCTV
1	Out Main Gate	60 m x 60 m
2	Dyodhi Entrance	30 m
3	Dyodhi Exit	50 m
4	Interview Room in side	3.5 m x 2 m
5	Interview Room out side	3.5 m x 3 m
6	Interview Room Entry gate	6 m x 3 m
7	Dyodhi	8 m x 6 m
8	Open Ground Area	30 m x 30 m
9	Entrance & Outer Open Area of Old Male Ward 1	11 m x 11 m
10	Entrance & Outer Open Area of Old Male Ward 2	11 m x 11 m
11	Entrance & Outer Open Area of Langar / Kitchen	15 m x 8 m
12	Main Wall 1	206 m x 114 m
13	Main Wall 2	206 m x 114 m
14	Entrance & Outer Open Area of Hospital	10 m x 7 m
15	Entrance & Outer Open Area of High Security Cell / Chakkis area	15 m x 2 m
16	Entrance & Outer Open Area of Children Ward	32 m x 18 m
17	Entrance & Outer Open Area of New Male Ward 1	24 m x 24 m
18	Entrance & Outer Open Area of New Male Ward 2	24 m x 24 m

19	Entrance & Outer Open Area of Main Ground	80 m x 60 m
20	School	21 m x 8 m

V. Surveillance system for District Jail, Karnal.

Sr. No	Point	Area	Remarks
1.	Two Outer Entry Points	50' x 100'	
2.	Outside Main Gate	100' x 200'	
3.	Interview Place Outside	50' x 200'	
4.	Interview Room Inside	25' x 80'	
5.	Main Gate (Deodi)	20' x 50'	
6.	Inside 3 rd Gate	50' x 100'	
7.	Periphery Main walls - outside as well as inside, behind the barracks Security wards and Control Tower.	Perimeter of outer and inner walls is 5400' Each and behind the barracks and Security ward is 3900'.	
8.	Entrance & Outer Open Area of 20 Barracks	50' x 75' Each	
9.	Entrance & Outer Open Area of 2 Security wards	50' x 75' Each	
10.	Entrance & Outer Open Area of 2 High Security wards	50' x 75' Each	
11.	Two Factory Sheds Inside and Outside	40' x 40' Each	
12.	Entrance & Outer Open Area of Hospital & M.O. Room	50' x 150'	
13.	Entrance & Outer Open Area of 4 Kitchens	50' x 150'	
14.	School	50' x 150'	
15.	Mulaqat Writing Area		

VI. Surveillance system District Jail, Kurukshetra.

Sr. No	Area	Area in Feet	Room	Gate
1.	Deodi	42'.9" x 174'.9"	-	2
2.	Entrance & Outer Open area of old Security Ward	73' x 28'.9"	2	3
3.	Entrance & Outer Open area of Barrack No. 1	76' x 110'.6"	8	5
4.	Entrance & Outer Open area of Kitchen + Store	76' x 110'.6"	4	3
5.	Entrance & Outer Open area of Barrack No.2	76' x 110'.6"	8	5
6.	Entrance & Outer Open area of Juvenile Ward	108'.6" x 60'	2	3
7.	Entrance, Inner complete and Outer Open area of Factory	134'.4.5" x 91'.9"	4	1

8.	Entrance & Outer Open area of Multi Purpose Hall	68'.7.5" x 35'	1	2
9.	Entrance & Outer Open area of 24 Security Cell Wards	191' x 118'.6"	24	5
10.	Entrance & Outer Open area of Barrack No.3	114'.3" x 105'.6"	4	5
11.	Entrance & Outer Open Area of Barrack No.4	114'.3" x 105'.6"	4	5
12.	Entrance & Outer Open area of Hospital	79' x 10.5"	2	3
13.	Entrance & Outer Open area (both from outside only) of Female Ward	140'.7.5 x 101'.6"	1	4
14	Water Tank	58	-	-
15.	Complete Kot Moka/ Main Wall (inside/ outside)	796' x 480'	4Walls	-.
16	Mulakat writing area of Jail	Outside Area		

VII. Surveillance system in District Jail, Gurgaon

Sr. No	Location	Area
1.	Entire Area of Jail	179536 sqr. mtr.
2.	Area from Watch Tower <i>One to Two</i>	3528 Sqr. mtr.
3.	Area from Watch Tower <i>Two to Three</i>	3528 Sqr. mtr.
4.	Area from Watch Tower <i>Three to Four</i>	4122 Sqr. mtr.
5.	Area from Watch Tower <i>Four to Five</i>	4122 Sqr. mtr.
6.	Area from Watch Tower <i>Five to Six</i>	3366 Sqr. mtr.
7.	Area from Watch Tower <i>Six to Seven</i>	3488 Sqr. mtr.
8.	Parimeter of Jail	1699 mtr.
9.	Dyodhi	L-10 mtr. W - 6 mtr. Total Area 60 Sqr. Mtr.
10.	Gallery (South) in Admn. Block	L-21 mtr. W -1.5 mtr. Total Area 31.5 Sqr. Mtr.
11.	Gallery (North) in Admn. Block	L-24 mtr. W - 1.5 mtr. Total Area 36 Sqr. Mtr.
12.	Mulakat Room in-side	L-10 mtr. W - 6 mtr. Total Area 60 Sqr. Mtr.
13.	Total Area of Phase-I Jail Ground	Total Area 4052 Sqr. Mtr.
14.	Total Area of Phase-II Jail Ground	Total Area 6060 Sqr. Mtr.
15.	Approach Road to Juvenile	L-55 mtr. W - 2.5 mtr. Total Area 137.5 Sqr. Mtr.
16.	Approach Road to Factory	L-70 mtr. W -4.5 mtr.

		Total Area	315 Sqr. Mtr.
17.	Approach Road to Phase- I from Dyodhi	L-240 mtr. Total Area	W - 5 mtr. 1200 Sqr. Mtr.
18.	Approach Road to Godown from Dyodhi	L-105 mtr. Total Area	W - 4 mtr. 420 Sqr. Mtr.
19.	Entrance & Outer Open area of Each Barrack's	Total Area	525 Sqr. Mtr. Total Nos of Barracks 22 in all
20	Area in Front of Dyodhi	L-95 mtr. Total Area	W -21 mtr. 1995 Sqr. Mtr.
21.	Area from end of Admn. Block to Tower No. 1	Total Area	1865 Sqr. Mtr.
22	Area from end of Admn. Block To W. Town No. 7	Total Area	2596 Sqr. Mtr.
23.	Visitor Room out side	L-10 mtr. Total Area	W - 6 mtr. 60 Sqr. Mtr.
24.	Canteen Campus out of Jail Main Wall	L-41 mtr. Total Area	W - 27 mtr. 1107 Sqr. Mtr.

VIII. Surveillance system District Jail, Yamunanagar

Sr. No	Location	Area
1.	Front open space of the jail	120 x 300ft.
2.	Covered area of Deodi	40 x 30ft.
3.	Administrative Block (Ground Floor)	8 x 130ft.
4.	Administrative Block upstairs area	8 x 110ft.
5.	Outside area of Video Conference Hall	25 x 30ft.
6.	Chakkar to Godown wall	100 M.
7.	Chakkar to Security ward	60 M.
8.	Chakkar to Main Block	72 M.
9.	Open Area	190 x221ft.
10.	Entrance & Outer Open area of Male Barrack No. 1	219 x 207ft.
11.	Entrance & Outer Open area of Male Barrack No. 2	220 x 207ft.
12.	Entrance & Outer Open area of Male Barrack No. 3	188 x 220ft. 75 x 71ft
13.	Entrance & Outer Open area of Male Barrack No. 4	190 x 220ft. 75 x 71ft.
14.	Jail Kitchen Entrance & outer area Building outer	217 x 189ft. 106 x 80ft.
15.	Entrance & Outer Open area of Factory	248 x 252ft.
16.	Multipurpose Hall Entrance & outer area	142 x 200ft.
17.	Store outer area Building (1) Building (2)	280 x 200ft. 60 x 45ft. 127 x 40ft.
18.	Hospital Entrance & outer area	203 x 200ft.
19.	Jail School Entrance & outer area Library Hall	176 x 200 ft. 77 x 40ft.

20.	Jail Canteen Entrance & outer area	138 x 200ft.
21.	B- Class Entrance & outer area	178 x 200ft.
22.	Juvenile ward Entrance & outer area	206 x 292ft.
23.	Female ward outer area only from entrance	206 x 300ft.
24.	Security Confinement Entrance & complete outer area	230 x 135ft.
25.	Security Cell (1) Entrance & complete outer area	186 x 118ft.
26.	Security Cell (2) Entrance & complete outer area	186 x 116ft.
27.	Security Cell (3) Entrance & complete outer area	186 x 184ft.
	Inner Boundary of the jail	500M. x 280 M.

IX. Surveillance system for District Jail, Sirsa

Sr. No.	Name of Place	Area
1.	Area to be covered in front of main gate	141 Square Feet x 92 Square Feet
2.	Area to be covered outside interview room	102 Square Feet x 137 Square Feet
3.	Inside area to be covered of waiting room	40 Square Feet x 19 Square Feet
4.	Area to be covered of interview room	29 Square Feet x 08 Square Feet
5.	Area to be covered Gents search room	19 Square Feet x 19 Square Feet
6.	Area to be covered inside main gate	28 Square Feet x 19 Square Feet
7.	Area to be covered inside main gate gallery right side	30 Square Feet x 08 Square Feet
8.	Area to be covered inside main gate gallery left side	50 Square Feet x 07 Square Feet
9.	Area to be covered in front of inside main gate	240 Square Feet x 112 Square Feet
10.	Area to be covered in front of the inner of interview room	48 Square Feet x 63 Square Feet
11.	Area to be covered inner side of interview room	49 Square Feet x 09 Square Feet
12.	Area to be covered inner courtyard Block 1 to 8	83 Square Feet x 67 Square Feet
13.	Area to be covered out side in front of Block 1 to 8	45 Square Feet x 83 Square Feet
14.	Area to be covered inner courtyard Block 9 to 10	79 Square Feet x 56 Square Feet
15.	Area to be covered out side in front Block 9 to 10	140 Square Feet x 114 Square Feet
16.	Area to be covered inner courtyard Block 11 to 12	79 Square Feet x 56 Square Feet
17.	Area to be covered out side in front Block 11 to 12	83 Square Feet x 114 Square Feet
18.	Area to be covered inner courtyard Block 13 to 14	98 Square Feet x 57 Square Feet

19.	Area to be covered out side in front Block 13 to 14	115 Square Feet x 120 Square Feet
20.	Area to be covered inner courtyard Block 15 to 16	98 Square Feet x 57 Square Feet
21.	Area to be covered out side in front Block 15 to 16	131 Square Feet x 120 Square Feet
22.	Inner courtyard of godown	38 Square Feet x 83 Square Feet
23.	Outer area between cook house and juvenile ward	89 Square Feet x 106 Square Feet
24.	Inner courtyard of the ward presently being used as hospital & M.O. Room	40 Square Feet x 24 Square Feet
25.	Outer area between security cells & the ward being used as hospital	60 Square Feet x 106 Square Feet
26.	Outer courtyard of the security cells and Entrance & Open outside Area Complete	113 Square Feet x 71 Square Feet
27.	Outer area of the Brahanda of the Twelve Security Cell which are in use and Entrance & Open outside Area Complete	116 Square Feet x 07 Square Feet
28.	Entrance & Outer Open area of the New Cook House	90 Square Feet x 55 Square Feet
29.	Outer area between security cell and Cook House	80 Square Feet x 108 Square Feet
30.	Area between New Cook House & Grain Cello	91 Square Feet x 135 Square Feet
31.	Four sides to inner courtyard of grain cello	64 Square Feet x 36 Square Feet 53 Square Feet x 15 Square Feet 20 Square Feet x 64 Square Feet 20 Square Feet x 09 Square Feet
32.	Open area in front of grain cello	138 Square Feet x 55 Square Feet
33.	Open area at the one side of the school	39 Square Feet x 60 Square Feet
34.	Area between School & Hospital	90 Square Feet x 105 Square Feet
35.	Open area at the one side of hospital	77 Square Feet x 36 Square Feet
36.	Inner courtyard of factory shed	35 Square Feet x 96 Square Feet
37.	Open area in front of factory shed	227 Square Feet x 215 Square Feet

X. Surveillance system Central Jail Ambala

Sr. No	Location	Remarks
1.	Front Gate.	
2.	Search points for man (Mulaakat)	
3.	Interview room 15x100 Ft (Map Attached)	
4.	Main gate entry P. T. Z. to cover 100 Ft Radius	
5.	Deody	
6.	L.O Office (Mulaaket entry) from inside	
7.	At gate (inside jail) P. T. Z. to cover 100 Ft Radius	
8.	Entrance & outside Open area of Female ward	
9.	Canteen	
10.	Open Area in Jail around 200 Ft Radius	
11.	Chakkar Four side to cover 02 range around 420 Ft & 02 Range around 700 Ft (Map Attached)	
12.	Outside area of Video Conferencing Hall 20x20 Ft	

13.	Entrance & Outer Open area of Hospital (Map Attached)	
14.	Main Gate Factory	
15.	Main ground Factory	
16.	Carpentry Bay of Factory	
17.	Smithy Section of Factory	
18.	Tailor Section of Factory (Niwar)	
19.	Rangat Panja	
20.	Printing Section	
21.	Tent Section	
22.	Aara Section (Saw)	
23.	Entrance & Outer Open area of Block 01	
24.	Entrance & Outer Open area of Block 04	
25.	Entrance & Outer Open area of Block 05	
26.	Entrance & Outer Open area of Block 06	
27.	Entrance & Outer Open area of Block 07	
28.	Entrance & Outer Open area of Security Ward	
29.	Entrance & Outer Open area of 24 Chakki Center	
30.	Jail Boundary from inside as well as outside.	

XI. Surveillance system district jail Bhiwani

Sr. No	Name of Space	Area	Remarks
1.	Barrack No. 01 & 02	Length 75' Width 50'	Entrance and open area only.
2.	Barrack No. 03 & 04	Length 75' Width 52'	
3.	Barrack No. 05 & 06	Length 70' Width 56'	
4.	Barrack No. 07 & 08	Length 70' Width 50'	
5.	Barrack No. 13 & 14	Length 74' Width 50'	
6.	Barrack No. 15 & 16	Length 74' Width 50'	
7.	Barrack No. 17 & 18	Length 74' Width 50'	
8.	Barrack No. 19 & 20	Length 79 ½' Width 56 ½'	
9.	Barrack No. 21 & 22	Length 79½' Width 56½'	
10.	Factory	Length 61½' Width 50'	
11.	Hospital	Length 40½' Width 20'	
12.	High Security Total Area	Length 205' Width 194'	Entrance and open area only.
13.	High Security Barrack	Length 34½' Width 32½'	
14.	Interview Rooms	Complete view of Inside & Outside areas	
15.	Interview written Area	Complete view.	
16.	Open Yard Langer	Length 54½' Width 50'	
17.	Mainwall Tower 01 to 02	Length 916'	
18.	Mainwall Tower 02 to 03	Length 1040'	
19.	Mainwall Tower 03 to 04	Length 784'	
20.	Mainwall Tower 04 to 01	Length 698'	
21.	Area outside outergate	Length 142' Width 96'	

XII. Surveillance system for new Distt. Jail Rohtak.

Sr. No	Place	Coverage area for C. C. T. V.
1.	Parking area in front of Administrative Block	
	Parking area in front of Administrative Block	283' x 150' x 0"
	Open area back side of Administrative Block	405' x 605'

	Visitors waiting Hall Area	66'-7 1/2" x 18'-9" 18'-10 1/2" x 2'-3" 6' x 1 1/2" x 2'-7 1/2"	
2.	Administrative Block		
	Covered area of Admn. Block	283'-7 1/2" x 43'-6"	
	Main Gate/ Entry Hall Block	36'-10 1/2" x 18'-10"	
	Inmate Gallery (Male) Part-I	78' -10 1/2" x 7'-6"	
	Inmate Gallery (Male) Part-II	78' -10 1/2" x 7'-6"	
	Inmate Gallery (Female) Part-I	28' -10 1/2" x 7'-6"	
	Inmate Gallery (Female) Part-II	28' -10 1/2" x 7'-6"	
3.	Watch Towers/Boundary Wall		
	Watch Tower left side of Jail/Mandir side Tower No. 1		
	Admn. Block (Gate Area) to Watch tower No.1	653' x 20'	
	Watch Tower No. 1 To Watch Tower No. 2 towards Backside Area	762' -6" x 20'	
	Watch Tower No. 2 To Watch Tower No. 3 towards Backside Area	762' -6" x 20'	
	Watch Tower No. 3 To Watch Tower No.4 towards right side of jail Area (Back side of jail)	653' x 20'	
	Watch Tower No. 4 To Watch Tower No. 5 towards Right side of jail Area	653' x 20'	
	Right side of jail Tower No. 7		
	Watch Tower No. 7 to Admn. Block Gate Area	653' x 20'	
	Watch Tower No. 7 to Watch No. 6 towards Back side Area	762' -6" x 20'	
	Watch Tower No. 6 to Watch No. 5 towards Back side Area	762' -6" x 20'	
	4.	Entrance & Outer Open area of Male Barrack No. 1	
		Total Open area boundary wall to boundary wall	207' x 215'
		Inside open area (courtyard)	75' -1 1/2" x 71' -1 1/2"
Left side of male barrack		40' x 135" -7 1/2"	
Right side of male Barrack		38' x 135" -7 1/2"	
Back side		215' -9" x 30'	
Front side		215' -9" x 40'	
5.	Entrance & Outer Open area of Male Barrack No.2		
	Total Open area boundary wall to boundary wall	202' x 215'	
	Inside open area (courtyard)	75' 1 1/2" x 71' -1 1/2"	
	Left side of male barrack	25' x 135" -7 1/2"	
	Right side of male barrack	40' x 135" -7 1/2"	
	Back side	202' x 40'	
	Front side	202' x 40'	
6.	Entrance & Outer Open area of Male Barrack No.3		
	Total Open area boundary wall to boundary wall	192' x 215'	
	Inside open area (courtyard)	75' 1 1/2" x 71' -1 1/2"	
	Left side of male barrack	135' -x 7 1/2" x 25'	
	Right side of male barrack	135' -x 7 1/2" x 25'	
	Back side	192' x 40'	
7.	Entrance & Outer Open area of Male Barrack No. 4		
	Total Open area boundary wall to boundary wall	218' x 238'	
	Inside open area (courtyard)	75' -1 1/2" x 71' -1 1/2"	
	Left side of male barrack	40" x 135' -7 1/2"	

	Right side of male barrack	40" x 135' - 7 1/2"
	Back side	40' x 218'
	Front side	40' x 218'
8.	Entrance & Outer Open area of Male Barrack No. 5	
	Total Open area boundary wall to boundary wall	263' x 216' - 6"
	Inside open area (courtyard)	75' - 1 1/2" x 71' - 1 1/2"
	Left side of male barrack	135' - 7 1/2" x 96' - 9"
	Right side of male barrack	135' - 7 1/2" x 29'
	Back side	263' x 40'
	Front side	263' x 40'
9.	Entrance & Outer Open area of Under age prisoner (18-21 Years) Barrack	
	Total Open area boundary wall to boundary wall	220' x 318' - 3"
	Inside open area (courtyard)	75' - 1 1/2" x 71" - 1 1/2"
	Left side of male barrack	220' x 40'
	Right side of male barrack	220' x 140'
	Back side	137' - 7 1/2" x 25' - 6"
	Front side	137' - 7 1/2" x 56' - 6"
10.	Entrance & Open area from Outside of Female Barrack	
	Outside Main gate entrance area only	377' - 3" x 418"
11.	Entrance & Outer Open area of Kitchen - 1	
	Total Open area boundary wall to boundary wall	241' - 9" x 183' - 10 1/2"
	Inside open area of Kitchen	48' - 10 1/2" x 46' - 6 1/2"
	Back side open area	183' - 10 1/2" x 40'
	Front side open area	120' - 9" x 183' - 10 1/2"
	Right Side of Kitchen	81' x 40'
	Left side of Kitchen	81' x 37'
12.	Entrance & Outer Open area of Kitchen - 2	
	Total Open area boundary wall to boundary wall	215' x 157'
	Inside open area of Kitchen	48' - 10 1/2" x 46' - 10 1/2"
	Back side open area	157' x 40'
	Front side open area	157' x 94'
	Right side of Kitchen	81' x 25'
	Left side of kitchen	81' x 25'
13.	Entrance & Outer Open area of Kitchen - 3	
	Total Open area boundary wall to boundary wall	192' x 216'
	Inside open area of Kitchen	48' - 10 1/2" x 46' - 10 1/2"
	Back side open area	192' x 40'
	Front side open area	95' - 6" x 192'
	Right side of Kitchen	81' x 25' - 6"
	Left side of kitchen	81" x 60'
14.	Entrance & Outer Open area of Hospital	
	Total boundary wall to boundary wall area	286' x 183' - 6"
	Covered area of Hospital	125' - 6" x 113' - 6"
	Back side open area	183' - 6" x 40'
	Front side open area	132' - 6" x 183' - 6"
	Left side open area	113' - 6" x 25'
	Right side open area	113' - 6" x 33'
15.	Entrance & Outer Open area of 'B Class Barrack	
	Total boundary wall to boundary wall area	273' x 198'
	Open area in barrack (Courtyard)	59' - 9" x 53' - 6"
	Back side open area	198' x 25'
	Front side open area	198' x 161' - 3"
	Left side open area	86' - 9" x 40'

	Right side open area	86'-9"x34'
16.	Entrance & Outer Open area of High Security Cells	
	Total boundary wall to boundary wall area	171'-10 ½"x214"
	Back side open area	120'x25"
	Front side open area	106'-6"x214"
	Left side open area	54'x35'-4 ½"
	Right side open area	40'x35'-4 ½"
17	Entrance & Outer Open area of Special Security Cells	
	Total boundary wall to boundary wall area	162'-6"x214"
	Individual Cell Area	16'x16'-3"
	Back side open area	103'-6"x25'
	Front side open area	103'-6"x101'-3"
	Left side open area	40'x36'
	Right side open area	70'-6"x36'
18.	Factory Shed	
	Total boundary wall to boundary wall area	239'-6"x214'
	Covered area of Factory Shed	186'-1 ½"x112'-3"
	Open area of factory Shed	95'-3"x35'-3"
	Back side open area	239'-6"x40'
	Front side open area	239'-6"x61'-9"
	Left side open area	26'-3"x112'-3"
	Right side open area	27'x112'-3"
20.	Godown	
	Total boundary wall to boundary wall area	204'x198'
	Covered area of spice store	61'-6"x27'-9"
	Back side of Godown	25'x198'
	Front side of Godown	122'-6"x198'
	Left side of Godown	40'x56'-6"
	Right side of Godown	31'-10 ½'x56-6"
21.	School, Multipurpose Hall	
	Total boundary wall to boundary wall area	161'-3"x198'
	Back side open area of School	161'-3"x40"
	Front side open area of School	161'-3"x107'-9"
	Left side open area of School	50'-3"x30'
	Right side open area of School	50'-3"x30"
22.	Back side Lawn area near male barrack 1,2,3,4	435'x800'

XIII. Surveillance system in District Jail, Sonapat,

- a) Outer Gate of Jail Periphery- The CCTV Camera required at the outer gate should be of the capacity to cover all the vehicles, their number and every thing entering the jail of standing outside the jail gate. It should be of the capacity to cover at least 50m outside the gate and 100m inside the gate i.e. both side of the gate.
- b) Administrative Block Jail Front Gate- The area required for surveillance at the front gate be of at least 100m to capture every entry moving toward the main gate.

- c) Mulaquat writing/ search of Mulaquat articles- Surveillance is required to over every detail of mulaquat writing & search of articles given to the prisoners be their relatives and friends during mulaakat.
- d) Mulaquat Room- Surveillance is required in both the compartments of Mulaquat room, one at the outside and the other inside to cover the detail of entries of both mulaquaties and inmates, the covered area is 203 sq. ft. of each side.
- e) Deodi (Main gate)- The cameras required in the deodi should cover the entry, exit and given a complete view round the clock. The area of the deodi is 33.6 x 18.7 sq. feet.
- f) Administrative Block Jail Rear Gate (Inside Jail)- The requirement at the inside gate of deodi is to give complete coverage of entry and exit from inside the jail up to a distance of at least 100m.
- g) Main wall- The perimeter of main wall is approx. 2640 M and the cameras fixed should give a complete view of the main wall (High wall) up to distance of at least 20m both inside as well as outside of the main wall.
- h) Barracks-1. The small barracks are 5 in no. the cameras required should give a complete view of the open area of the size 25.6 x 24.6 Sq. ft. and the entrance of each barrack. The large barracks are 3 in no. the cameras required should give a complete view of the open area of the size 79 x 56 sq. ft. and the entrance of each barrack.
- i) Security Cells area - Complete outside view of Ward to cover the open area of size 115 x 37 sq. ft. and entrance in the security ward.
- j) Cook House-The requirement is to cover the open uncovered area of size 54 x 25 sq. ft. and the entrance.
- k) Chakkar- The camera required at chakkar should give a complete view 24 hours outside only.
- l) Library-The camera required should give complete view of inside the library during day time.
- m) Teaching-cum-Entertainment Room the required should give a complete coverage of teaching cum entertainment room inside & outer area view during day time.
- n) Activity Ground Open Area- Camera required to give complete view of activity ground of size 175 x 155 sq. ft. and cover various activities e.g. yoga, pranayam, cultural activities & other religious lectures and concerts.

XIV. Surveillance system for District Jail, Faridabad.

- a) In the total three blocks the entire outer open area required visibility.
 - b) Entrance & Outer Open area of juvenile ward.
 - c) Entrance & Outside Open area of Female ward.
 - d) Entrance & Outer Open area of both B-class.
 - e) In three security wards - Entrance & Outer Open areas only.
 - f) Entrance & Outer Open areas of Jail Hospital & M.O. office.
 - g) In multipurpose hall - Entrance & complete open areas.
 - h) In library inner main hall and all the open area around the school and Library.
 - i) All the open area between the outer perimeter wall and inner wall.
 - j) View of all the roads inside the Jail.
 - k) Administration blocks both the floors, Deodi and the open area in front of main gate and back side of the main gate (Third number gate), in the interview room (both inner and outer side).
 - l) The area in front of checking post (Santry post).
- Inner & outer open area of factory (Two in no.)
 - Entrance & Complete outer area of Security cell (Three in no.).
 - Inner hall of Library & outer open area of school.
 - Outer open area of Hospital, dispensary & office of M.O.
 - Inner hall & outer open area of M. P. Hall.
 - Galleries in Administrative blocks

NOTE:- In Administration block both floor, interview room, Deodi, main gate of deodhi & Third gate required visibility.

- **Blocks** - Entrance & complete outer areas.

NOTE :- In Juvenile ward only open outer area required visibility. (Shown by pencil should area)

NOTE :- In Female ward only main gate entrance required visibility.

NOTE :- In B- class block only main gate required visibility.

NOTE :- In Library the inner main hall and all outer open area around school & Library required visibility.

NOTE :- In hospital all the outside open area required visibility.

NOTE :- In multi-purpose hall the inner main & outer open area required visibility.

NOTE :- In Security cells entrance, the inner open area & outer open area required visibility.

- Total Three security cells Blocks.

NOTE:- In Factory the inner open area & outer open area required visibility.(No. of Factory-2) (Shown by pencil & marker shaded area)

XV. Surveillance system District Jail, Jhajjar

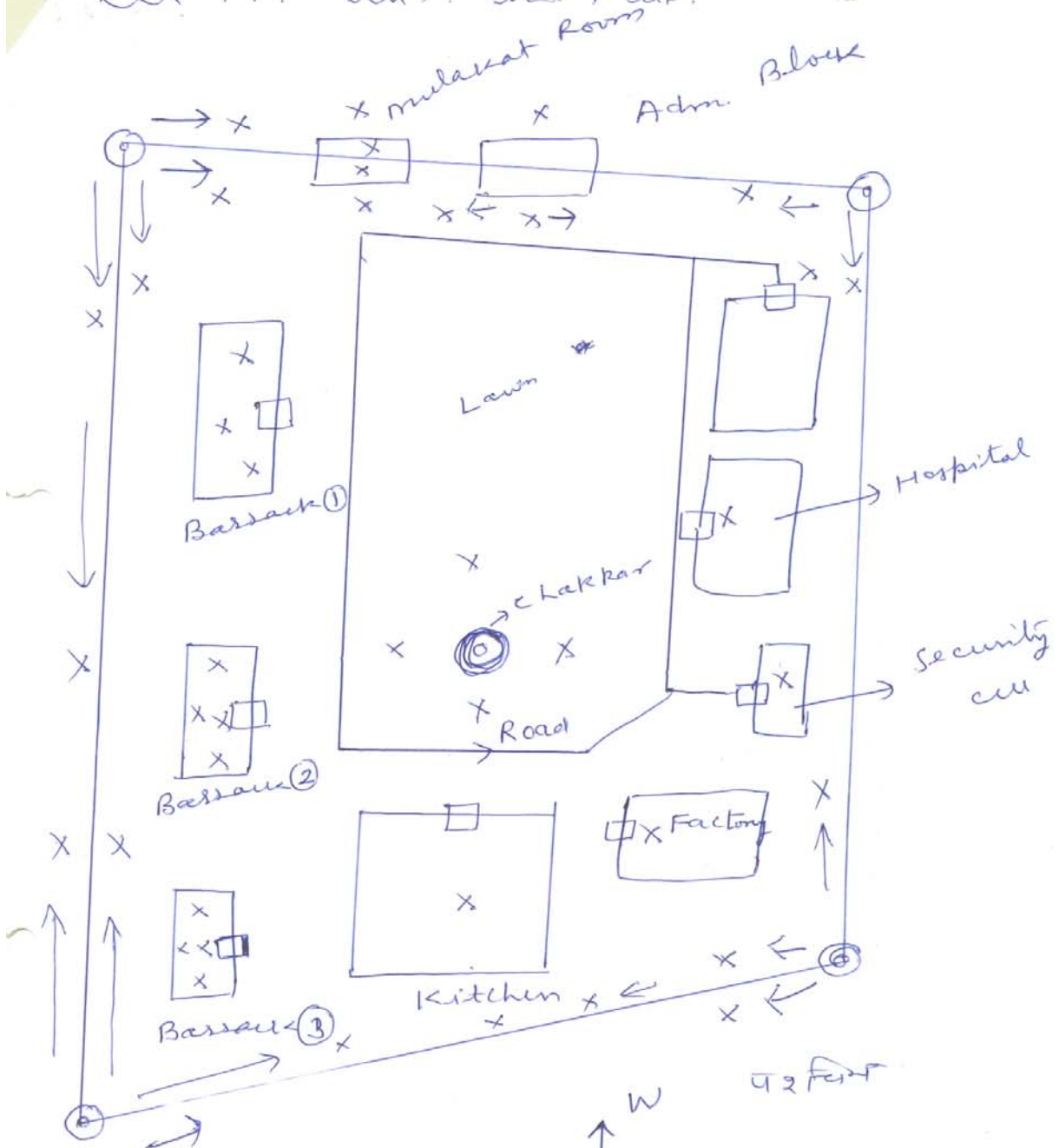
Sr. No	Location	Area
1.	Front open space of the jail	120 x 300ft.
2.	Covered area of Deodi	40 x 30ft.
3.	Administrative Block (Ground Floor)	8 x 130ft.
4.	Administrative Block upstairs area	8 x 110ft.
5.	Outside area of Video Conference Hall	25 x 30ft.
6.	Chakkar to Godown wall	100 M.
7.	Chakkar to Security ward	60 M.
8.	Chakkar to Main Block	72 M.
9.	Open Area	190 x 221ft.
10.	Entrance & Outer Open area of Male Barrack No. 1	219 x 207ft.
11.	Entrance & Outer Open area of Male Barrack No. 2	220 x 207ft.
12.	Entrance & Outer Open area of Male Barrack No. 3	188 x 220ft. 75 x 71ft
13.	Entrance & Outer Open area of Male Barrack No. 4	190 x 220ft. 75 x 71ft.
14.	Jail Kitchen Entrance & outer area Building outer	217 x 189ft. 106 x 80ft.
15.	Entrance & Outer Open area of Factory	248 x 252ft.
16.	Multipurpose Hall Entrance & outer area	142 x 200ft.

17.	Store outer area Building (1) Building (2)	280 x 200ft. 60 x 45ft. 127 x 40ft.
18.	Hospital Entrance & outer area	203 x 200ft.
19.	Jail School Entrance & outer area Library Hall	176 x 200 ft. 77 x 40ft.
20.	Jail Canteen Entrance & outer area	138 x 200ft.
21.	B- Class Entrance & outer area	178 x 200ft.
22.	Juvenile ward Entrance & outer area	206 x 292ft.
23.	Female ward outer area & entrance from Outside only.	206 x 300ft.
24.	Security Confinement Entrance & complete outer area	230 x 135ft.
25.	Security Cell (1) Entrance & complete outer area	186 x 118ft.
26.	Security Cell (2) Entrance & complete outer area	186 x 116ft.
27.	Security Cell (3) Entrance & complete outer area Inner Boundary of the jail	186 x 184ft. 500M. x 280 M.

District Jail Narnaul- (As per map given below)

District Jail Narnaul

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X Area to required visibility

Other clarifications:-

TCS Pre-bid Queries -Jails Haryana- Hartron

S/ N	Page No	Section	Existing Clause	Clarification sought / Suggestion	Response
1	9	1.2 Architecture	Wireless-IP Network in Point-to-Point/Multipoint setup to be proposed in both the bands i.e. 2.4 Ghz & 5.8 Ghz. Band b) The solution so designed should be tamper proof so as to mitigate any attempt to tamper with the security equipments.	Keeping in view of the sensitivity and security solution. Wireless based solution is not advisable, However it is suggested the connectivity within the jails can be considered on the armoured cable.	No change
2	2	Last date for submission of bids	2:30 P.M. on 23.12.10	For effective solution design & bid preparation It should be extended by at least 6 weeks.	Same is now kept as 24.06.11 at 3.00 PM.
3	11	1.3 Site visit	Site Survey & finalisation of the BOM	Each Jail has got different layout and requirement will vary from Jail to Jail so It is suggested that Jail wise minimum Boom has to be decided by Jail authorities, the same may be in consultations with the bidders or consultant if any.	Detail of requirement for each jail has be provided
4	12-13	2(i)11	The bidder is required to take all necessary approvals for the frequency, Right of way (if required) under this project. However, Prison department shall provide all the facilitations to the successful bidder for early permissions.	If bidder has to obtain permissions etc It is observed that the government approval etc take very long time at the bidder level. It suggested that to save time and best of the project health all the necessary government permissions etc be arranged by the Harton / Haryana Govt Jail authorities.	All the permissions shall be taken by Prison department Haryana. However the bidder is required to facilitate the department in getting these permissions
5	15	2.2 (i)c	Installations of camera on sensitive places	Keeping in of the sensitivity of the matter, the same needs more clarification specially the sighting and point of installations (e.g. towers, Over Head tank etc	Jail-wise detail already given above
6	16	2.2 (i)w,y	Software licenses for the following modules shall be provided: a) Live View & Video	The licences are based on camera based. Para d needs more clarification. Type of Analytics required	Self explanatory

			<p>Management Software b) Recording Software c) Video Analytics Software d) There shall be no license restriction on the number of users e) Software License provided shall be sufficient for all the cameras in all the jails.</p>	needs to be defined in details	
7		Turnover	<p>The Turnover of the lead bidder must be minimum Rs.20 crores (Rs. Twenty Crores) in the last financial year i.e. 2009-10 with a consolidated Turnover of Rs. 50 Crores (Rs. Fifty crores) for the last three years 2007-08, 2008-09 and 2009-10 from networking /system integration/surveillance and related business.</p>	<p>Requirement of turnover is less than the standard Terms and condition. As the project has to be completed on BOOT model and SLA based. Turnover should be at least 5-6 times of the total project cost.</p>	No change
8			Design of Control Room	<p>a) Control Room with civil work, proper illumination, air-conditioning, tables, chairs, rodent repellents, Smoke detection System, fire alarm system and other items as required by a typical Control & computer room. This room shall be used by operators. It shall have LCDs, Client Workstations and consoles. b) Equipment Room with requirements as mentioned in point "a" above. This shall be used for installation of Racks, Servers, Network Switches, NAS etc. This room should be adjacent to Control Room. c) Room with requirements as mentioned in point "a" above for UPS d) Room for Batteries and PDP. Rooms for UPS and Batteries should be adjacent.</p>	<p>The layout of the control room shall be finalized by the successful bidder in consultation with the respective jail authorities</p>
9	18, 19	2.2(i)bb)&cc) & x	<p>Electrical power supply and installation, Power cable and laying out from the common AC power points provided by Jail Authorities shall be in scope of bidder.</p>	<p>It is assumed that electrical cable carrying required Steady Raw Power to UPS and from UPS to Point of camera etc shall be provided by Jail authorities for each Jail, as at present there is no such</p>	<p>The power cables are to be provided by the bidder.</p>

				mechanism is available in the jails.	
10			Implementation	As each Jail shall be commissioned separately and that entry of labour and skilled man power is restricted its Date period of implementation be enhanced by at least 4 months.	No change
11			The System should facilitate viewing of live and recorded images and controlling of all cameras by the authorized users. With 30 days recording.	After 30 days what should be the backup policy & storage requirement? No Archival process defined ? Do you require the redundant back up at central place of all the jails? Policy need be clarified.	The backup policy shall be finalized with the successful bidder
12	12	2(i)6	Facility of remote viewing by the Director General Prison from his office at sector 14 in Panchkula through the Haryana SWAN connectivity already made Operational at each jail by Hartron.	Do the Band width of state SWAN support? If not? Then, a) What will be the impact on SLA and Payment? b) While designing the solution do we have to consider BW as an additional requirement?	Yes
13	12	2(i)7	scalable and allow for unlimited expansion of the IP CCTV system or other equipment/solution in subsequent phases on procurement of requisite licenses, components, solution etc.	Unlimited expansion is too open ended and need more elaboration and clarification?	The expansion shall be within the permissible limits only
14		2(i)8	Earthling, Digging, Filling and ensuring to make the site to its original condition will be the responsibility of the System Integrator including supply and installation of poles, housing & any additional fixtures that may be required for the implementation of the system at all the sites.	More detailed measurement of each component is required to carry out the evaluation and the financial costing?	The cost for such components are kept as per actual and only per meter/box rates have been asked for.
15	12	2(i)10	The requirement mentioned in this RFP calls for a complete		-

			<p>working system and not components thereof. Bids must be complete with all equipment and required accessories along with necessary power systems including standard Un-interrupted Power Supply for the entire equipment, video connectors, patch connectors, patch leads, mounting and fitting hardware, plugs, sockets and any hardware/software, etc. as required for complete installation of the System under this contract. The minimum suggestive technical specifications including suggestive BOM</p>		
16	19	2.2(i)hh)vi	<p>The system shall be subjected to inspection at various stages. The successful bidder shall follow all Safety Regulations and practices. (v) Bidders shall spell out various tests that are being proposed to be carried out for demonstrating the functionality of the solution. (vi) The Successful Bidder shall provide warranty for all the components including hardware, software, etc. as per RFP for a period of Five Years from the date of the issuance of Final Acceptance Certificate. Network active components shall have a warranty of 5 years and passive components shall have a performance warranty of 20 years. Any delay for acceptance caused by the successful bidder will result in</p>	<p>Can we have written Safety regulations and practices required to followed?</p>	<p>The safety regulations are well known to the companies in this business as such no need to specify.</p>

			automatic extension of the total warranty period as well as the facility management period by the same period.		
17	19	2.3	Facility Management	Is there requirement of men 24x7 at all jails etc? More details are required?	The clause is self explanatory
18			Connectivity: Within the Jails and Remote location		
19	21	2.4	Scope of Trainings	Duration and mechanism of training i.e. jail wise or range wise?	The training shall be held range wise
20	22	2.5	Acceptance & Testing	For bidding & cost calculations, ATP plan requested in details	The plan is already given at clause no 6.16
21	67	6.4(iii)	Project Milestones	This clause contains a provision on penalty - need to add that: "However no such penalty shall be levied unless the delay is for reasons solely and entirely attributable to the successful bidder."	Agreed, however, the bidder is required to notify any such delay and the reasons attributed for such delay.
22	71	6.10	Warranty	Warranty provisions are without standard exceptions and exclusions - needs to incorporate them in the clause.	No change
23	72	6.11(ii)	Facility Management and Service Level Agreement	This clause contains a provision on penalty - need to add that: "However no such penalty shall be levied unless the delay is for reasons solely and entirely attributable to the successful bidder."	Agreed, however, the bidder is required to notify any such delay and the reasons attributed for such delay.
24	76	6.16	Acceptance Tests	These provisions are without standard provisions of "deemed acceptance : " If HARTRON delays /refuses to give acceptance certificate in reasonable time after completion of the acceptance test or starts using the equipment in live environment before issuing such acceptance	agreed

				<p>certificate then the equipment shall be deemed to have been accepted by HARTRON.” Need to add such provisions</p>	
25	78	6.17	Payment Schedule	<p>This clause does not have specific payment terms need add as under All invoices and bills will be raised by TCS as per the Payment Terms and will become due for payment within 10 days of presentation. All payments are to be made by demand draft/cheque favouring TATA CONSULTANCY SERVICES. All payments due for more than 10 days will attract an interest at the rate of 2 percent per month on the invoice amount.</p>	No change
26	83	6.25	Termination of Contract	<p>The Section does not provide for a specific notice period need to have a 30 days notice for rectification.</p> <p>Similarly the Successful bidder shall also have a right to terminate the agreement in event of breach of any term and conditions by HARTRON, by giving 30 days notice of breach to the Purchaser, provided the breach is not cured HARTRON within such notice period.</p>	No change
27	86	6.27	Arbitration	<p>As per this Arbitration shall be referred to “Home Secretary to Government of Haryana”</p> <p>We would prefer to have arbitration through a mutually agreed neutral arbitrator</p>	No change
28	87	6.30	<p>Limitations of Liability Further, bidders cumulative liability for its obligations under contract shall not exceed the total contract value.</p>	<p>MOST IMPORTANT</p> <p>This clause is incomplete -does not have exclusions of “Indirect Liabilities” need to modify as under :</p> <p>Limitations of Liability</p> <p>Further, bidders cumulative liability for its obligations’</p>	No change

				<p>under contract shall not exceed the total contract value. <u>Neither party shall be liable to the other for any special, indirect, incidental, consequential (including loss of profit or revenue), exemplary or punitive damages whether in contract, tort or other theories of law, even if such party has been advised of the possibility of such damages.</u></p>	
29	90	Annexure II	Performance Bank Guarantee	<p>This Bank Guarantee does not have "Standard Bank" clause in it -needs to add as under :</p> <p>Not withstanding any thing contained herein above</p> <p>Our liability under this bank guarantee shall not exceed Rs_____-/- (Rupees _____ only).</p> <p>This bank guarantee shall be valid upto -----</p> <p>We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only if you serve upon us a written claim or demand (and which should be received by us), on or before - -----before 14.30 hours (Indian Standard Time) whereafter it ceases to be in effect in all respects whether or not the original bank guarantee is returned to us.</p>	Agreed the same be considered as incorporated
30			Additional clauses - required to be added :	<ol style="list-style-type: none"> 1. Intellectual Property Rights. 2. General Indemnity. 3. Non Solicitation <p>Entire Agreement.</p>	Not required

Schneider

Sr. No.	Page No.	Clause No.	Clause Description	Suggestion	response
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01	Page 15		Since the Access Points in the premises can be connected on wired and wireless media,	we would request you to allow connectivity provision for camera locations to be connected on wired / wireless options as per site feasibility	Only wireless solution is required
2	Page 19		Since the project involves monitoring of a very serious and confidential nature, we would suggest that the monitoring should be the responsibility of the Prison staff. Bidders operator could be deployed for ease of operation, if necessary.		As per the clause mentioned in the tender document
3	Page 24		Kindly specify that the related accessories like lenses, outdoor housing, power supplies etc should be from the same make		No change
4	Page 28		Kindly allow UL listed products only for maintaining parity of makes and equivalent evaluation.		agreed
5	Page 29		37x optical zoom may please be changed to 35x or better as that is the industry standard. TV Lines may please be changed from 550TV Lines to 540 TV Lines or more Lux levels mentioned in the PTZ cameras are too specific to particular makes and models and may please be changed to 0.00015 lux in B/W mode Shutter speed may please be revised to 1/1.5 to 1/30,000 as it gives a good slow shutter speed at 1/1.5 and sufficient shutter speed for high speed shutter		agreed
6	Page 56		Experience of WAN projects has been projected to be carrying 20 points i.e., highest in the rating whereas WAN does		No change

			not constitute for a major component. This clause may kindly be treated as experience in implementation of Projects covering surveillance of jails campus, city/office complex etc		
7	Page 79 (iii)		50% of the payment for training shall be released after completion of the BOOT period. Even as the period of training is two weeks, the payment should preferably be released after signing off the trainings to the respective staff.		No change

S/ N	Page No	Section	Existing Clause	Clarification sought / Suggestion	Response
Level one communications					
1		Para No. 1.1.a:	The tender says it is focused on IP surveillance with voice communication and on-line data transmission features. However none of the IP camera specification requested SIP protocol based audio facility for 2 Way communications.	Kindly confirm whether Hartron requires 2 Way Audio facility with G.726 and G.711 codec support in IP Camera as audio feature with 2way facility is coming as a standard configuration with all major OEM suppliers today.	No audio facility is required
2			On board video storage is a most common feature requested worldwide for all surveillance tenders and for the recent hartron tenders for city surveillance applications as well. This feature is to avoid video loss just in case of network sabotage or disconnect to the central monitoring station. The SDCard on board keeps the encrypted video and audio while network is offline and it automatically replicates to the CMS once the connectivity is re-established.	Kindly confirm such a requirement is there for all IP cameras	yes
3		Para No. 3.4.1.2 (b) 4 & 5:	Please note that the focal length mentioned in the tender document for IP PTZ camera is not matching 37X optical zoom as requested. The standard zoom module in the market is 35X ~ 36X.	Kindly confirm whether Hartron requires a non-standard and proprietary zoom module as mentioned in the document as it will limit the competition.	Agreed
4			H.264 Video Compression is found requested for all mega pixel cameras except for D1 PTZ IP Camera. H.264 compression is 10 times better than standard MPEG-4 compression and it is also already available in PTZ	Kindly advise whether H.264 codec is required in IP PTZ cameras with on board SD Card Slot and 2 Way Audio Communication also if required.	

			High Speed Dome Cameras from all good brands in the market.		
5		Ref Para No. 3.4.1.1 (iv)	The tender mentions Fixed 2 Mega pixel High definition camera and further the pixel mentioned is for 3megapixels (2048x1536).	Please note that 2Megapixel camera actual resolution is 1920 x1080. We are also not clear about the video frame rate requirements as it is also not found mentioned in the document. Kindly advise whether 25fps real time streaming is required for 2048 x 1536 (3 Mega pixel) or 1920 x 1080 (2 Mega pixel) by Hartron. Kindly mention the on board SD Card Slot and 2 Way Audio Communication also if required	25FPS on 1920X1080
6			The software requirements mentioned in tender requires a lot of customizations and it is not COTS. Since it required a lot of tweaking and tuning to integrate with various media gateways;	4 months clause to complete the implementation is found a very difficult task to be achieved. Kindly advise	No change

HCL & Wipro

S.No	Section No. / Clause No.	RFP Clause	Query / Clarification Sought	Justification
1	Section 1.2, point a.)	Wireless-IP Network in Point-to-Point/Multipoint setup to be proposed in both the bands i.e. 2.4 Ghz & 5.8 Ghz. band.	Please clarify you are looking for Wi-Fi Mesh/ wireless bridge topology to provide connectivity.	As per the RFP requirement

2	Section 2, point 3	The camera so proposed must have a Customer Premises Equipment (CPE) which will communicate with access point and shall support minimum data rate of 10mbps for video and voice	Please clarify what you mean by CPE, are you looking for an indoor wireless access point to provide connectivity to camera	yes
3	Section 2, point 5	Thirty day (30) recording.	Please clarify if you are looking for continuous recording for 24x7 on all 30 days, or you are only looking for recording when there is some activity at location.	Agreed
4	Section 2.2, point m.)	Local Control Room shall be established in order to view and manage the complete surveillance system	Are you looking for a Centralized control room also in order to view and manage surveillance deployed at all the jails or only local control room at each of jail need to set-up.	No
5	Section 2.2, point i.)	All Cameras shall support at least 1280 x 720 (720p) resolutions and shall support 25/30 FPS.	Please clarify as there is discrepancy in requirement specifications, as here you have asked for 720p of resolution for all cameras, where as in the specification under cameras it has been mentioned as digital video resolution of 2048 x 1536 for fixed 2 Mega pixel HD definition camera and 752x582 PAL with PTZ camera.	1920X1080 for fixed 2 Mega pixel HD definition camera and 752x582 PAL with PTZ camera

6	Section 3, point vii)	All CCTV cameras and related accessories should be from same OEM	Bidder should have flexibility to position best of breed solution. This clause will restrict bidder to position best possible solution and would not allow you to achieve System expansion through off-the-shelf available hardware as mentioned in point (v) of section 3 in RFP. Expectation should be that bidder should position best of breed solution with tight integration of all the positioned components Please remove this clause.	no change
7	Section 3.3.1.1, Camera Specification point (iii)	The camera shall offer dual stream upto a resolution of 2048 x 1536 in progressive scan format	As you have asked for CCD/CMOS option already no need to put progressive scan requirement separately Please remove this clause.	No change except for the resolution i.e 1920X1080
8	Section 3.3.1.1, Camera Specification point (iv)	The camera as a minimum shall have a digital video resolution of 2048 x 1536	In section 2.2 you have asked for 720 P resolution and 2 Mega pixel camera whereas, in this spec you have asked for resolution for 3 Magepixel so it should be 1080p (1920X1080) for HD with 2 megapixel camera streaming up to 30 frames per second (fps) at 1080p (1920 x 1080) resolution	agreed
9	Section 3.3.1.1, Camera Specification point (xiii)	The minimum illumination in color should be 0.1 for day and 0.03 for night.	Please allow minimum illumination of : Color mode: F1.4 @ 0.4 lux and Black and white mode: F1.4 @ 0.2 lux This would allow leading OEMs to position their offerings	agreed
10	Section 3.3.1.1, Camera Specification point (xvi)	The camera shall be comprise of a camera block "driver" which consist of a 1/3 or 1/4" CCD	As mentioned in Section 3.3.1.1, Camera Specification point (v), CMOS option has to be there in this point also Please change this to : The camera shall be comprise of a camera block "driver" which consist of a 1/3 or 1/4" CCD/ CMOS	agreed

11	Section 3.3.1.1, Camera Specification point (xix)	Certifications: UL/CE, FCC/EN	Please remove this to qualify leading OEMs	No change
12	Section 3.3.1.2, b.) Camera Specification point 4	The camera shall have a minimum focal length of 3.5 mm to 129mm	This is specific to one vendor Please allow focal length of 3.4 ~ 119 mm also	agreed
13	Section 3.3.1.2, b.) Camera Specification point 5	Camera shall have a minimum Optical zoom of 37X and 12x digital	35X is the most common specification in similar range cameras, 37X optical zoom is specific to one vendor Please amend the optical zoom to 35 X or better	agreed
14	Section 3.3.1.2, b.) Camera Specification point 6 (b)	The camera shall provide the option to set each stream at variable bandwidth from 32 kbs to 12 Mbs	Bandwidth per stream depends upon FPS & resolution, with CIF resolution with 1.5 FPS is bandwidth required if 155kbps, so 32kbps is not relevant here Please specify that each stream should support variable bandwidth	agreed
15	Section 3.3.1.2, b.) Camera Specification point 7	The camera shall have minimum built in 8 Input & 4 relay output	Please mention that camera should support alarm input & auxiliary output This would allow leading OEMs to position their offerings	agreed
16	Section 3.3.1.2, b.) Camera Specification point 8	The camera shall have 1 photo coupled input & 1 Auxiliary Output	Please elaborate photo coupled input	
17	Section 3.3.1.2, b.) Camera Specification point 14	camera tilt travel as minimum shall be between 0 to -90	Please amend and give flexibility of tilt to +2 degree to -92 degree This would allow leading OEMs to position their offerings	agreed

18	Section 3.3.1.2, b.) Camera Specification point 23	The camera shall be a minimum high-resolution 550 TVL, B/W=680TVL	Please mention horizontal resolution should be > 540 TVL in order to allow leading manufactures to qualify. This would allow leading OEMs to position their offerings	agreed
19	Section 3.3.1.2, b.) Camera Specification point 24	The camera shall have light sensitivity of 0.1 lux @ 50IRE,F1.2; 0.00007 lux @ 50IRE, F1.2 .	Please also allow Maximum Sensitivity at 35 IRE for NTSC/EIA 0.55 lux at 1/60 sec (color), 0.018 lux at 1/2 sec (color), 0.00018 lux at 1/2 sec (B-W) and for PAL/CCIR 0.45 lux at 1/50 sec (color), 0.015 lux at 1/1.5 sec (color), 0.00015 lux at 1/1.5 sec (B-W) This would allow leading OEMs to position their offerings	agreed
20	Section 3.3.1.2, b.) Camera Specification point 25	The camera shall provide angle of view of 55.5° wide and 1.6° tele.	Please also allow angel view focus of 55.8° at 3.4 mm wide zoom and 1.7° at 119 mm telephoto zoom This would allow leading OEMs to position their offerings	Agreed, but the bidder has to undertake that the said modification will not effect the performance and coverage of the area under surveillance
21	Section 3.3.1.2, b.) Camera Specification point 27	The camera shall have a minimum Electronic Shutter speed of (1/50 ~ 1/1,20,000 (27 Steps)	Please allow shutter speed of 1/2 ~ 1/30,000 for NTSC and 1/1.5 ~ 1/30,000 for PAL This would allow leading OEMs to position their offerings	agreed
22	Section 3.3.1.2, b.) Camera Specification point 28	The camera shall have automatic backlight compensation (BLC)	Please elaborate the requirement	Self explanatory
23	Section 3.3.1.3, Live View Features Ponit ii)	Multiple Matrix view up to 8 x 8	Please relax matrix view up to 4 x 4 This would allow leading OEMs to position their offerings	No change

24	Section 3.3.1.5	820.11n Outdoor Access Point	Please elaborate the requirement of outdoor access point, if AP to be provisioned with the Jail premises can indoor access points with 802.11n support can be positioned	As per the solution proposed by the respective bidders.
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- The last date for the submission of the bids has been extended till 24.06.11 upto 2.30 PM.
- The last date for the sale of the RFP document has been extended till 22.06.11 upto 4.00 PM.