

Comparative Statement
Provision & Commissioning of Data Center Fire Separation
Tender # IT/05/19-20

Item #	Material Description	Unit	QTY	M/s.Silicon Technologies		M/s.H.K Shah Enterprise (Pvt.) Ltd		M/s.MGH Engineering & Control (Pvt.) Ltd		M/s.Tahir Engineers & Contractors		M/s.Jaffer Business Systems (Private) Ltd		M/s.Computer Marketing Company Private Limited	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Addressable fire alarm panel with batteries UL and FM Approved	Each	1	275,605.00	275,605.00	169,650.00	169,650.00	766,923.00	766,923.00	419,840.00	419,840.00	551,982.00	551,982.00		
For Data center 24 x 10.5 x 14															
2	Photo Electric smoke detectors with Base, UL and FM Approved	Each	12	10,221.00	122,652.00	7,956.00	95,472.00	18,697.00	224,359.00	7,520.00	90,240.00	17,745.00	212,940.00		
3	Manual Pull Station for Fire Suppression release UL and FM Approved	Each	1	16,791.00	16,791.00	12,285.00	12,285.00	17,901.00	17,901.00	10,880.00	10,880.00	16,990.00	16,990.00		
4	Sounder with flasher UL and FM Approved	Each	1	15,514.00	15,514.00	14,625.00	14,625.00	13,923.00	13,923.00	11,200.00	11,200.00	13,214.00	13,214.00		
5	Fire Alarm Bell UL and FM Approved	Each	1	8,213.00	8,213.00	14,625.00	14,625.00	7,160.00	7,160.00	5,920.00	5,920.00	6,930.00	6,930.00		
6	Supervise control module UL and FM Approved	Each	1	28,080.00	28,080.00	14,625.00	14,625.00	18,000.00	18,000.00	10,560.00	10,560.00	17,367.00	17,367.00		
7	Mini Monitor Module (EM-1MM) UL and FM Approved	Each	3	10,038.00	30,114.00	87,750.00	263,250.00	12,033.00	36,099.00	6,400.00	19,200.00	11,704.00	35,112.00		
8	Relay Module UL and FM Approved	Each	1	13,689.00	13,689.00	19,305.00	19,305.00	17,404.00	17,404.00	8,960.00	8,960.00	16,612.00	16,612.00		
9	Electrical wiring 1.5mm 2C & Piping, back boxes etc.	Job	1	56,160.00	56,160.00	11,300.00	11,300.00	79,100.00	79,100.00	160,000.00	160,000.00	101,552.00	101,557.00		
10	Piping network, & paint for Fire Suppression system, MS Sch 40.	Job	1	42,120.00	42,120.00	28,250.00	28,250.00	39,550.00	39,550.00	60,000.00	60,000.00	132,754.00	132,754.00		
11	Testing & Commissioning of Fire alarm system	Job	1	21,060.00	21,060.00	16,950.00	16,950.00	16,950.00	16,950.00	70,000.00	70,000.00	53,102.00	53,102.00		
For UPS & Electrical Room															
12	Photo Electric smoke detectors with Base, UL and FM Approved	Each	4	10,221.00	40,884.00	7,956.00	31,824.00	18,697.00	74,788.00	7,520.00	30,080.00	17,745.00	70,980.00		
13	Manual Pull Station for Fire Suppression release UL and FM Approved	Each	1	16,791.00	16,791.00	12,285.00	12,285.00	17,901.00	17,901.00	10,880.00	10,880.00	16,990.00	16,990.00		
14	Sounder with flasher UL and FM Approved	Each	1	15,514.00	15,514.00	14,625.00	14,625.00	13,923.00	13,923.00	11,200.00	11,200.00	13,214.00	13,214.00		
15	Fire Alarm Bell UL and FM Approved	Each	1	8,213.00	8,213.00	14,625.00	14,625.00	7,160.00	7,160.00	5,920.00	5,920.00	6,930.00	6,930.00		
16	Supervise control module UL and FM Approved	Each	1	28,080.00	28,080.00	14,625.00	14,625.00	18,000.00	18,000.00	10,560.00	10,560.00	17,367.00	17,367.00		

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 Assistant Professor
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 Haris Qureshi
 PRRA Advisor
 HCT

				M/s.Silicon Technologies		M/s.H.K Shah Enterprise (Pvt.) Ltd		M/s.MGH Engineering & Control (Pvt) Ltd		M/s.Tahir Engineers & Contractors		M/s.Jaffer Business Systems (Private) Ltd		M/s.Computer Marketing Company Private Limited	
Item #	Material Description	Unit	QTY	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
17	Mini Monitor Module (EM-1MM) UL and FM Approved	Each	2	10,038.00	20,076.00	87,750.00	175,500.00	12,033.00	24,066.00	6,400.00	12,800.00	11,704.00	23,408.00		
18	Relay Module UL and FM Approved	Each	1	13,689.00	13,689.00	19,305.00	19,305.00	17,404.00	17,404.00	8,960.00	8,960.00	16,612.00	16,612.00		
19	Electrical wiring 1.5mm 2C & Piping, back boxes etc.	Job	1	56,160.00	56,160.00	11,300.00	11,300.00	39,550.00	39,550.00	160,000.00	160,000.00	89,609.00	89,609.00		
20	Piping network, & paint for Fire Suppression system, MS Sch 40. As per flow calculation. (which will be submitted by Vendor)	Job	1	42,120.00	42,120.00	28,250.00	28,250.00	28,250.00	28,250.00	60,000.00	60,000.00	106,203.00	106,203.00		
21	Testing & Commissioning of Fire alarm system	Job	1	21,060.00	21,060.00	16,950.00	16,950.00	11,300.00	11,300.00	70,000.00	70,000.00	53,102.00	53,102.00		
For UPS Room															
22	Photo Electric smoke detectors with Base, UL and FM Approved	Each	4	10,221.00	40,884.00	7,956.00	31,824.00	18,697.00	74,788.00	7,520.00	30,080.00	17,745.00	70,980.00		
23	Manual Pull Station for Fire Suppression release UL and FM Approved	Each	1	16,791.00	16,791.00	12,285.00	12,285.00	17,901.00	17,901.00	10,880.00	10,880.00	16,990.00	16,990.00		
24	Sounder with flasher UL and FM Approved	Each	1	15,514.00	15,514.00	14,625.00	14,625.00	13,923.00	13,923.00	11,200.00	11,200.00	13,214.00	13,214.00		
25	Fire Alarm Bell UL and FM Approved	Each	1	8,213.00	8,213.00	14,625.00	14,625.00	7,160.00	7,160.00	5,920.00	5,920.00	6,930.00	6,930.00		
26	Supervise control module UL and FM Approved	Each	1	28,080.00	28,080.00	14,625.00	14,625.00	18,000.00	18,000.00	10,560.00	10,560.00	17,367.00	17,367.00		
27	Mini Monitor Module (EM-1MM) UL and FM Approved	Each	2	10,038.00	20,076.00	87,750.00	175,500.00	12,033.00	24,066.00	6,400.00	12,800.00	11,704.00	23,408.00		
28	Relay Module UL and FM Approved	Each	1	13,689.00	13,689.00	19,305.00	19,305.00	17,404.00	17,404.00	8,960.00	8,960.00	16,612.00	16,612.00		
29	Electrical wiring 1.5mm 2C & Piping, back boxes etc.	Job	1	56,160.00	56,160.00	11,300.00	11,300.00	39,550.00	39,550.00	160,000.00	160,000.00	89,609.00	89,609.00		
30	Piping network, & paint for Fire Suppression system, MS Sch 40. As per flow calculation. (which will be submitted by Vendor)	Job	1	42,120.00	42,120.00	28,250.00	28,250.00	28,250.00	28,250.00	60,000.00	60,000.00	106,203.00	106,203.00		
31	Testing & Commissioning of Fire alarm system	Job	1	21,060.00	21,060.00	16,950.00	16,950.00	11,300.00	11,300.00	70,000.00	70,000.00	53,102.00	53,102.00		
For Testing & Staging Room															
32	Photo Electric smoke detectors with Base, UL and FM Approved	Each	4	10,221.00	40,884.00	7,956.00	31,824.00	18,697.00	74,788.00	7,520.00	30,080.00	17,745.00	70,980.00		

MEMBER
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INSTITUTE OF BUSINESS ADMINISTRATION
Syed Akbar Hussain
Finance
IBA, Karachi

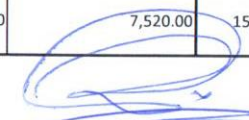
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Assistant Professor
IBA, Karachi

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CENTRAL PURCHASE COMMITTEE
INSTITUTE OF BUSINESS ADMINISTRATION
Haris Qureshi
PPRA Advisor
HES

				M/s.Silicon Technologies		M/s.H.K Shah Enterprise (Pvt.) Ltd		M/s.MGH Engineering & Control (Pvt.) Ltd		M/s.Tahir Engineers & Contractors		M/s.Jaffer Business Systems (Private) Ltd		M/s.Computer Marketing Company Private Limited	
Item #	Material Description	Unit	QTY	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
33	Manual Pull Station for Fire Suppression release UL and FM Approved	Each	1	16,791.00	16,791.00	12,285.00	12,285.00	17,901.00	17,901.00	10,880.00	10,880.00	16,990.00	16,990.00	Details Attached	
34	Sounder with flasher UL and FM Approved	Each	1	15,514.00	15,514.00	14,625.00	14,625.00	13,923.00	13,923.00	11,200.00	11,200.00	13,214.00	13,214.00		
35	Fire Alarm Bell UL and FM Approved	Each	1	8,213.00	8,213.00	14,625.00	14,625.00	7,160.00	7,160.00	5,920.00	5,920.00	6,930.00	6,930.00		
36	Supervise control module UL and FM Approved	Each	1	28,080.00	28,080.00	14,625.00	14,625.00	18,000.00	18,000.00	10,560.00	10,560.00	17,367.00	17,367.00		
37	Mini Monitor Module (EM-1MM) UL and FM Approved	Each	1	10,038.00	10,038.00	87,750.00	87,750.00	12,033.00	12,033.00	6,400.00	6,400.00	11,704.00	23,408.00		
38	Relay Module UL and FM Approved	Each	1	13,689.00	13,689.00	19,305.00	19,305.00	17,404.00	17,404.00	8,960.00	8,960.00	16,612.00	16,612.00		
39	Electrical wiring 1.5mm 2C & Piping, back boxes etc.	Job	1	56,160.00	56,160.00	11,300.00	11,300.00	39,550.00	39,550.00	160,000.00	160,000.00	89,609.00	89,609.00		
40	Piping network, & paint for Fire Suppression system, MS Sch 40. As per flow calculation. (which will be submitted by Vendor)	Job	1	42,120.00	42,120.00	28,250.00	28,250.00	28,250.00	28,250.00	60,000.00	60,000.00	106,203.00	106,203.00		
41	Testing & Commissioning of Fire alarm system	Job	1	21,060.00	21,060.00	16,950.00	16,950.00	11,300.00	11,300.00	70,000.00	70,000.00	53,102.00	53,102.00		
For MDA Room															
42	Photo Electric smoke detectors with Base UL and FM Approved	Each	4	10,221.00	40,884.00	7,956.00	31,824.00	18,697.00	74,788.00	7,520.00	30,080.00	17,745.00	70,980.00		
43	Manual Pull Station for Fire Suppression release UL and FM Approved	Each	1	16,791.00	16,791.00	12,285.00	12,285.00	17,901.00	17,901.00	10,880.00	10,880.00	16,990.00	16,990.00		
44	Sounder with flasher UL and FM Approved	Each	1	15,514.00	15,514.00	14,625.00	14,625.00	13,923.00	13,923.00	11,200.00	11,200.00	13,214.00	13,214.00		
45	Fire Alarm Bell UL and FM Approved	Each	1	8,213.00	8,213.00	14,625.00	14,625.00	7,160.00	7,160.00	5,920.00	5,920.00	6,930.00	6,930.00		
46	Supervise control module UL and FM Approved	Each	1	28,080.00	28,080.00	14,625.00	14,625.00	18,000.00	18,000.00	10,560.00	10,560.00	17,367.00	17,367.00		
47	Relay Module UL and FM Approved	Each	1	13,689.00	13,689.00	19,305.00	19,305.00	17,404.00	17,404.00	8,960.00	8,960.00	16,612.00	16,612.00		
48	Electrical wiring 1.5mm 2C & Piping, back boxes etc.	Job	1	56,160.00	56,160.00	11,300.00	11,300.00	39,550.00	39,550.00	180,000.00	180,000.00	89,609.00	89,609.00		
49	Testing & Commissioning of Fire alarm system	Job	1	21,060.00	21,060.00	16,950.00	16,950.00	11,300.00	11,300.00	70,000.00	70,000.00	53,102.00	53,102.00		
For Receiving area															
50	Photo Electric smoke detectors with Base UL and FM Approved	Each	2	10,221.00	20,442.00	7,956.00	15,912.00	18,697.00	37,394.00	7,520.00	15,040.00	17,745.00	35,490.00		


 Syed Waqar Hussain Razvi
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 Assistant Professor
 IBA, Karachi


 Hanif Qureshi
 RPRIT Advisor
 HEJ

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Item #	Material Description	Unit	QTY	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
51	Manual Pull Station for Fire Suppression release UL and FM Approved	Each	1	16,791.00	16,791.00	12,285.00	12,285.00	17,901.00	17,901.00	10,880.00	10,880.00	16,990.00	16,990.00		
52	Sounder with flasher UL and FM Approved	Each	1	15,514.00	15,514.00	14,625.00	14,625.00	13,923.00	13,923.00	11,200.00	11,200.00	13,214.00	13,214.00		
53	Fire Alarm Bell UL and FM Approved	Each	1	8,213.00	8,213.00	14,625.00	14,625.00	7,160.00	7,160.00	5,920.00	5,920.00	6,930.00	6,930.00		
54	Supervise control module UL and FM Approved	Each	1	28,080.00	28,080.00	14,625.00	14,625.00	18,000.00	18,000.00	10,560.00	10,560.00	17,367.00	17,367.00		
55	Relay Module	Each	1	13,689.00	13,689.00	19,305.00	19,305.00	17,404.00	17,404.00	8,960.00	8,960.00	16,612.00	16,612.00		
56	Electrical wiring 1.5mm 2C & Piping, back boxes etc.	Job	1	56,160.00	56,160.00	11,300.00	11,300.00	28,250.00	28,250.00	180,000.00	180,000.00	53,765.00	53,765.00		
57	Testing & Commissioning of Fire alarm system	Job	1	21,060.00	21,060.00	16,950.00	16,950.00	11,300.00	11,300.00	70,000.00	70,000.00	26,551.00	26,551.00		
For Electrical Room															
58	Photo Electric smoke detectors with Base UL and FM Approved	Each	2	10,221.00	20,442.00	7,956.00	15,912.00	18,697.00	37,394.00	7,520.00	15,040.00	17,745.00	35,490.00		
59	Manual Pull Station for Fire Suppression release UL and FM Approved	Each	1	16,791.00	16,791.00	12,285.00	12,285.00	17,901.00	17,901.00	10,880.00	10,880.00	16,990.00	16,990.00		
60	Sounder with flasher UL and FM Approved	Each	1	15,514.00	15,514.00	14,625.00	14,625.00	13,923.00	13,923.00	11,200.00	11,200.00	13,214.00	13,214.00		
61	Fire Alarm Bell UL and FM Approved	Each	1	8,213.00	8,213.00	14,625.00	14,625.00	7,160.00	7,160.00	5,920.00	5,920.00	6,930.00	6,930.00		
62	Supervise control module UL and FM Approved	Each	1	28,080.00	28,080.00	14,625.00	14,625.00	18,000.00	18,000.00	10,560.00	10,560.00	17,367.00	17,367.00		
63	Mini Monitor Module (EM-1MM) UL and FM Approved	Each	1	10,038.00	10,038.00	87,750.00	87,750.00	12,033.00	12,033.00	6,400.00	6,400.00	11,704.00	23,408.00		
64	Relay Module UL and FM Approved	Each	1	13,689.00	13,689.00	19,305.00	19,305.00	17,404.00	17,404.00	8,960.00	8,960.00	16,612.00	16,612.00		
65	Electrical wiring 1.5mm 2C & Piping, back boxes etc.	Job	1	56,160.00	56,160.00	11,300.00	11,300.00	28,250.00	28,250.00	180,000.00	180,000.00	53,765.00	53,765.00		
66	Testing & Commissioning of Fire alarm system	Job	1	21,060.00	21,060.00	16,950.00	16,950.00	11,300.00	11,300.00	70,000.00	70,000.00	26,551.00	26,551.00		
For DOC Storage Facility															
67	Photo Electric smoke detectors with Base UL and FM Approved	Each	2	10,221.00	20,442.00	7,956.00	15,912.00	18,697.00	37,394.00	7,520.00	15,040.00	17,745.00	35,490.00		
68	Manual Pull Station for Fire Suppression release UL and FM Approved	Each	1	16,791.00	16,791.00	12,285.00	12,285.00	17,901.00	17,901.00	10,880.00	10,880.00	16,990.00	16,990.00		
69	Sounder with flasher USA Product, UL Listed FM Approved	Each	1	15,514.00	15,514.00	14,625.00	14,625.00	13,923.00	13,923.00	11,200.00	11,200.00	13,214.00	13,214.00		

MEMBER
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Syed Akbar Hussain Kazmi
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IBA, Karachi

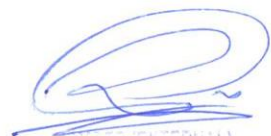
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Assistant Professor
IBA, Karachi

MEMBER (EXTERNAL)
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INSTITUTE OF BUSINESS ADMINISTRATION
KARACHI
Haris Qureshi
PRR Advisor
HEJ

				M/s.Silicon Technologies		M/s.H.K Shah Enterprise (Pvt.) Ltd		M/s.MGH Engineering & Control (Pvt.) Ltd		M/s.Tahir Engineers & Contractors		M/s.Jaffer Business Systems (Private) Ltd		M/s.Computer Marketing Company Private Limited	
Item #	Material Description	Unit	QTY	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
70	Fire Alarm Bell UL and FM Approved	Each	1	8,213.00	8,213.00	14,625.00	14,625.00	7,160.00	7,160.00	5,920.00	5,920.00	6,930.00	6,930.00		
71	Supervise control module UL and FM Approved	Each	1	28,080.00	28,080.00	14,625.00	14,625.00	18,000.00	18,000.00	10,560.00	10,560.00	17,367.00	17,367.00		
72	Relay Module UL and FM Approved	Each	1	13,689.00	13,689.00	19,305.00	19,305.00	17,404.00	17,404.00	8,960.00	8,960.00	16,613.00	31,225.00		
73	Electrical wiring 1.5mm 2C & Piping, back boxes etc.	Each	1	56,160.00	56,160.00	11,300.00	11,300.00	28,250.00	28,250.00	180,000.00	180,000.00	53,765.00	53,765.00		
74	Testing & Commissioning of Fire alarm system	Each	1	21,060.00	21,060.00	16,950.00	16,950.00	11,300.00	11,300.00	70,000.00	70,000.00	26,551.00	26,551.00		
Grand Total				Rs. 2,157,997.00		Rs. 2,172,624.00		Rs. 2,648,417.00		Rs. 3,273,280.00		Rs. 3,287,387.00		Rs. 4,693,394.00	
										Total Amount with Tax		Rs. 502,143.00			
												Rs. 3,789,530.00			


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