

**SECOND AMENDMENT TO AGREEMENT
BETWEEN THE COUNTY OF SAN MATEO AND
JOHNSON CONTROLS, INC.**

THIS AMENDMENT TO THE AGREEMENT (“Amendment”), entered into this _____ day of _____, 20____, by and between the COUNTY OF SAN MATEO, hereinafter called "County," and Johnson Controls, Inc., hereinafter called "Contractor" (collectively, the “Parties”);

W I T N E S S E T H:

WHEREAS, pursuant to Government Code Section 31000, County may contract with independent contractors for the furnishing of such services to or for County or any Department thereof;

WHEREAS, on June 6, 2017, County entered into an Agreement with Contractor for a term of June 6, 2017 through May 31, 2020 for a total obligation amount of \$100,000 for Contractor to provide cardkey reader, building security installation and maintenance services; and

WHEREAS, on April 10, 2018, the Parties amended the Agreement to increase the total obligation amount by \$300,000 for a new total obligation amount of \$400,000 to make modifications to existing cardkey readers as a result of building remodels and install a monitored intrusion alarm system to increase building security; and

WHEREAS, the Parties now wish to further amend the Agreement to extend the term by two years through May 31, 2022 and add another \$300,000 in funding for a new total obligation amount of \$700,000 to continue providing system modifications and enhancements on an as needed basis through the end of the extended term.

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES HERETO AS FOLLOWS:

1. Section 1. Exhibits and Attachments is hereby amended to read as follows:

The following exhibits and attachments are attached to this Agreement and incorporated

into this Agreement by this reference:

Exhibit A - Services

Exhibit B – Payments

Exhibit B1 (revised 2/2020) - Unit Costs and Rates

Attachment A - Approved Locked Hardware

Attachment S - Confidentiality, Privacy, and Security

2. Section 2. Services to be performed by Contractor is hereby amended to read as follows:

In consideration of the payments set forth in this Agreement and in Exhibits B and B1 (revised 2/2020), Contractor shall perform services for County in accordance with the terms, conditions, and specifications set forth in this Agreement and in Exhibit A and Attachment A.

3. Section 3. Payments is hereby amended to read as follows:

In consideration of the services provided by Contractor in accordance with all terms, conditions, and specifications set forth in this Agreement and in Exhibit A and Attachment A, County shall make payment to Contractor based on the rates and in the manner specified in Exhibits B and B1 (revised 2/2020). County reserves the right to withhold payment if County determines that the quantity or quality of the work performed is unacceptable. In no event shall County's total fiscal obligation under this Agreement exceed **SEVEN HUNDRED THOUSAND DOLLARS (\$700,000)**. In the event that County makes any advance payments, Contractor agrees to refund any amounts in excess of the amount owed by County at the time of contract termination or expiration. Contractor is not entitled to payment for work not performed as required by this Agreement.

4. Section 4. Term is hereby amended to read as follows:

Subject to compliance with all terms and conditions, the term of this Agreement shall be from June 6, 2017 through May 31, 2022.

5. Exhibit B1 (revised 2/2020) replaces original Exhibit B1 in its entirety and is attached hereto.

6. All other terms and conditions of the Agreement dated June 6, 2017, as amended, between County and Contractor shall remain in full force and effect.

In witness of and in agreement with this Second Amendment's terms, the parties, by their duly authorized representatives, affix their respective signatures:

For Contractor: JOHNSON CONTROLS, INC.

DocuSigned by: <i>Amber Halford</i> FEFEF0E4C72C4B7...	1/30/2020 8:13 AM PST	Amber Halford
Contractor Signature	Date	Contractor Name (please print)

COUNTY OF SAN MATEO

By:
President, Board of Supervisors, San Mateo County

Date:

ATTEST:

By:
Clerk of Said Board



Security System Detailed Unit Breakdown

- Detail A – 8-Door Controller Equipment & 6A Electrified Locking Hardware Power Supply
- Detail AA – Single Door, Card in/free exit, electric mortise lockset w/ REX switch & DSM, Fail Secure
- Detail AD – Single Door, Card in/free exit, electric mortise lockset w/ REX switch & DSM, EDR, local noise, fail-safe, fire unlock.
- Detail AI – Single Door, Card in/free exit, Rim Panic w/ Quiet Latch Retraction & REX Switch, Fail Secure
- Detail AK – Alarm Keypad - Wired
- Detail BA – Double Door, Card in/free exit, electric mortise lockset w/ REX switch & DSM, Fail Secure
- Detail BI – Double Door, Card In/Free Exit, Panic w/ Quiet Latch Retraction, Manual Panic, PIR/REX, Fail Secure.
- Detail BJ – Double Door, Card In/Free Exit, Panics w/ Quiet Latch Retraction, PIR/REX, ADA Actuators, Door Operators, Fail Secure
- Detail BP – Double S-Door, Card In/Free Exit, Manual Panic w/ REX Switch, Manual Panic, Local Noise,
- Detail DA – Single Door, Card In/Free Exit, Panic w/ Quiet Latch Retraction, PIR/REX, ADA Actuators, Door Operators, Fail Secure
- Detail DB – Single Door, Free Entrance, Free Exit, Panic w/ Quiet Latch Retraction, ADA Actuators, Door Operators, Fail Secure
- Detail FB – Double Door, Alarmed/Free Exit, PIR/REX
- Detail ID – Intrusion Alarm Detection Panel w/ peripheral accessories (i.e. enclosures, transformers, batteries, wireless receivers, etc.)
- Detail MA – Duress Pushbutton - Wired
- Detail NE – Elevator Floor Select Card Reader w/ Elevator Feedback with assistance from on-site elevator company.
- Detail NS – Single Swing Gate, Card In/Free Exit, Rim Panic w/ Electric Trim & REX Switch, Fail Secure
- Detail PB – Alarmed Roof Hatch - Wired
- Detail PK – Folding Door, Alarmed - Wired
- Detail KA – 1MP IP Camera
- Detail KB – 2MP IP Camera
- Detail KC – 4MP IP Camera
- Detail KH – 4k Fixed Camera
- Detail KN –Omni-directional 360° Camera
- Detail KP – Interior/Exterior 180° Fixed 20MP Camera
- Detail SC – Master & Remote Video Intercom set
- Detail WA – Wired Local Audible Alarm
- Detail WG – Wireless Glassbreak
- Detail WD – Wireless Door Contact
- Detail WP – Wireless Pushbutton
- Detail WR – Wireless Roof Hatch

Detail	Unit Price	Detail	Unit Price
A	\$ 9,000.00	NS	\$ 5,800.00
AA	\$ 5,000.00	PB	\$ 2,600.00
AD	\$ 5,100.00	PK	\$ 2,500.00
AI	\$ 5,050.00	KA	\$ 4,400.00
AK	\$ 1,800.00	KB	\$ 4,800.00
BA	\$ 5,300.00	KC	\$ 5,400.00
BI	\$ 5,400.00	KH	\$ 6,000.00
BJ	\$ 5,450.00	KN	\$ 6,500.00
BP	\$ 5,500.00	KP	\$ 6,600.00
DA	\$ 5,250.00	SC	\$ 4,600.00
DB	\$ 5,000.00	WA*	\$ 1,400.00
FB	\$ 2,400.00	WD*	\$ 800.00
ID	\$ 6,000.00	WG*	\$ 800.00
MA	\$ 2,500.00	WP*	\$ 1,025.00
NE	\$ 5,700.00	WR*	\$ 950.00

***Prices provided above are contingent on more than 1 item being installed. Additional man hours may be necessary to account for 4 hour minimums per project.**



JCI Security System Labor Rates

Installation Project Labor Rates

Role	2020 Hourly Rate	2021 Hourly Rate	2022 Hourly Rate
Project Manager	\$200.00 per hour	\$210.00 per hour	\$220.00 per hour
Security Integration Engineer	\$175.00 per hour	\$185.00 per hour	\$195.00 per hour
Systems Technician	\$150.00 per hour	\$155.00 per hour	\$165.00 per hour
Security Low Voltage Installer	\$150.00 per hour	\$155.00 per hour	\$165.00 per hour

The Labor Rates above are for contracted installation projects only

Emergency Service Labor Rates

Service Time	When Applicable	2020 Hourly Service Rate	2021 Hourly Service Rate	2022 Hourly Service Rate
Business Hours	Monday-Friday 7:00 a.m. to 4:00 p.m.	\$180.00	\$190.00	\$200.00
After Hours	Monday-Friday 4:00 p.m. to 7:00 a.m./Saturday	\$270.00	\$285.00	\$300.00
Sunday/Holiday	Sunday and all official Johnson Controls holidays	\$360.00	\$380.00	\$400.00

ROC Intrusion Alarm Monitoring Fees

Description	2020 Site Fee	2021 Site Fee	2022 Site Fee
Annual Central Station Intrusion Alarm Monitoring Site Fee	\$400/site	\$400/site	\$400/site



Abbreviations

Abbreviation List	
(E)	EXISTING
(F)	FUTURE
(N)	NEW
(R)	EXISTING/TO BE REMOVED
(RD)	EXISTING/REPLACE DEVICE
A	AMPERE (AMP)
A/M	ASSET MANAGEMENT
ACAMS	ACCESS CONTROL AND ALARM MONITORING SYSTEM
ACS	ACCESS CONTROL SYSTEM
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AH	AMP HOURS
ALM	ALARM
ALT	ALTERNATE
ALUM	ALUMINUM
ANN	ANNUNCIATOR
ANX	ANNEX
AOV	ANGLE OF VIEW
APPROX	APPROXIMATE
AR	AS REQUIRED
ARCH	ARCHITECT/ARCHITECTURAL
ASSY	ASSEMBLY
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BIO	BIOMETRIC
BLDG	BUILDING
BLW	BELOW
BO	BREAKOUT
BOLL	BOLLARD
BPS	BYPASS
BSMT	BASEMENT
C	CONDUIT
CAB	CABINET
CAFÉ	CAFETERIA
CAM	CAMERA
CAT	CATEGORY
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CI/CO	CARD IN/CARD OUT
CI/FE	CARD IN/FREE EXIT
CKT	CIRCUIT
CLG	CEILING
COAX	COAXIAL CABLE

Abbreviation List	
COMM	COMMUNICATIONS
COMP	COMPUTER
CONN	CONNECTOR
COR	CORRIDOR
CPC	COMPUTER POWER CENTER
CPU	CENTRAL PROCESSING UNIT
CR	CARD READER
CRDA	CARD READER DISABLE
CSC	CENTRAL SECURITY CONTROL
CSU	COOLANT SUPPLY UNIT (CHILLER)
CT	CABLE TRAY
DA	DISTRIBUTION AMPLIFIER
DACT	DIGITAL ALARM COMMUNICATIONS TRANSMITTER
DB	DECIBEL
DBL	DOUBLE
DC	DOOR CONTACT
DD	DUCT DETECTOR
DET	DETECTION
DG	DOUBLE GANG
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DN	DOWN
DPDT	DOUBLE POLE, DOUBLE THROW
DR	DOOR
DRS	DOORS
DS	DOWNSTREAM (DATA FLOW)
DSM	DOOR SWITCH MONITOR
DUP	DUPLEX
DVR	DIGITAL VIDEO RECORDER
DWG	DRAWING
E	EAST
EAC	EACH
EAC	ENVIRONMENTAL AIR CONDITIONER
EDR	EMERGENCY DOOR RELEASE
ELEC	ELECTRICAL/ELECTRIC
ELEV	ELEVATOR
EMP	EMPLOYEE
EMR	EMERGENCY DOOR RELEASE
EMT	ELECTRO METALLIC TUBING
ENT	ENTRANCE/ENTRY
EOC	EMERGENCY OPERATIONS CENTER
EOL	END OF LINE RESISTOR
EOT	END OF TAPE
EP	EXPLOSION PROOF
EPO	EMERGENCY POWER OFF

San Mateo County – Human Services Agency
Security Systems Detailed Breakdown



Abbreviation List	
ERR	AUDIO-EVAC ERROR/FAIL SIGNAL
ES	ELECTRIC STRIKE
EVAC	EVACUATION
EXEC	EXECUTIVE
EXT	EXTERNAL/EXTERIOR
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FAT	FINAL ACCEPTANCE TESTING
FBR	FIBER
FDC	FIBER DISTRIBUTION CENTER
FLR	FLOOR
FO	FIBER OPTIC
FOV	FIELD OF VIEW
FR	FIBER RECEIVER
FRAP	FIRE REMOTE ANNUNCIATOR PANEL
FRT	FREIGHT
FSA	FIRE SYSTEM ANNUNCIATOR
FSP	FIRE SYSTEM PRINTER
FT	FEET
FUAP	FUEL ALARM POINT
FX	FIBER TRANSMITTER
FXR	FIBER TRANSCEIVER
GAP	GRAPHIC ANNUNCIATOR PANEL
GAR	GARAGE
GB	GLASS BREAK SENSOR
GE	GIGABIT ETHERNET
GHZ	GIGAHERTZ
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
GSOC	GLOBAL SECURITY OPERATIONS CENTER
HAL	HALON ALARM POINT
HDWR	HARDWARE
HFCP	HALON FIRE CONTROL PANEL
HT	HIGH TEMP SENSOR
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
ID	IDENTIFICATION
IDF	INTERMEDIATE DISTRIBUTION FRAME/FACILITY
IDS	INTRUSION DETECTION SYSTEM
IG	ISOLATED GROUND
IN	INCH
IND	INDIVIDUAL
INT	INTERNAL/INTERIOR
IP	INTERNET PROTOCOL
IPS	IMAGES PER SECOND
J	JUNCTION BOX
J-BOX	JUNCTION BOX

Abbreviation List	
JCI	JOHNSON CONTROLS, INCORPORATED
KHS	KITCHEN HOOD SYSTEM
KO	KNOCKOUT
KPD	KEYPAD
LAN	LOCAL AREA NETWORK
LBY	LOBBY
LED	LIGHT EMITTING DIODE
LIU	LIGHT INTERFACE UNIT
LN	LOCAL NOISE
LO	LOCK OUTPUT
LR	LOCK RELAY
LV	LOW VOLTAGE
LVL	LEVEL
LVR	LEVER
M/T	MANTRAP
MAG	MAGNETIC
MATL	MATERIAL
MAX	MAXIMUM
MD	MOTION DETECTOR
MDF	MAIN DISTRIBUTION FRAME/FACILITY
MDH	MAGNETIC DOOR HOLDER
MECH	MECHANICAL
MHZ	MEGAHERTZ
MIN	MINIMUM
MON	MONITOR
MPOE	MAIN POINT OF ENTRY
MPS	MANUAL PULL STATION
MT	MOUNT
MTG	MOUNTING
N	NORTH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NE	NORTHEAST
NIC	NOT IN CONTRACT
NM	NANOMETERS
NO	NORMALLY OPEN
NVR	NETWORK VIDEO RECORDER
NW	NORTHWEST
OP	OPERATOR
OSP	OUTSIDE PLANT
OSY	OS&Y VALVE TAMPER
P/I	PHONE/INTERCOM
PA	PUBLIC ADDRESS
PB	PUSH BUTTON
PF	PEOPLE FINDER
PH	PENTHOUSE



San Mateo County – Human Services Agency
Security Systems Detailed Breakdown

Abbreviation List	
PHO	PHOTOELECTRIC DETECTOR
PHPB	PANIC HARDWARE POWER SUPPLY
PIR	PASSIVE INFRARED DETECTOR
PIV	POST INDICATOR VALVE TAMPER
PIV	PERSONAL IDENTITY VERIFICATION
PLC	PROGRAMMABLE LOGIC CONTROLLER
POE	POWER OVER ETHERNET
POTS	PLAIN OLD TELEPHONE SERVICE
PR	PAIR
PRT	PRINTER
PS	POWER SUPPLY
PSTN	PUBLIC SWITCHED TELEPHONE NETWORK
PT	POINT
PTZ	PAN, TILT, & ZOOM
PVC	POLYVINYL CHLORIDE CONDUIT
PWR	POWER
RCIP	REMOTE CONTROL INDICATING PANLE
RCVR	RECEIVER
RDM	REMOTE DISPLAY MODULE
REC	RECORD
REF	REFERENCE
REL	RELEASE
REQ'D	REQUIRED
RES	RESISTOR
REX	REQUEST TO EXIT
RFI	RADIO FREQUENCY INTERFERENCE
RIM	REMOTE INPUT MODULE
RLY	RELAY
RM	ROOM
ROM	REMOTE OUTPUT MODULE
RTN	RETURN
RX	RECEIVE OR RECEIVER
S	SOUTH
SAN	STORAGE AREA NETWORK
SD	SMOKE DETECTOR
SE	SOUTHEAST
SEC	SECOND/SECURITY
SFP	SECURITY FIELD PANEL
SG	SINGLE GANG
SH	SHIELD
SHLD	SHIELD/SHIELDED
SHT	SHEET
SJB	SECURITY JUNCTION BOX
SLAN	SECURITY LOCAL AREA NETWORK
SLDG	SLIDING
SNGL	SINGLE

Abbreviation List	
SOC	SECURITY OPERATIONS CENTER
SPC	SECURITY PRIVATE COMMUNICATIONS
SPK	SPEAKER
SPR	SPARE
SPS	SPEAKER WITH STROBE
SPST	SINGLE POLE SINGLE THROW
SRB	SMART REMOTE BOX
SS	STAINLESS STEEL
ST	STRANDED
STA	STATION
STE	SUITE
STR	STAIR(S)
STRB	STROBE
SV	SOLENOID VALVE
SVS	SECURITY VIDEO SYSTEM
SW	SWITCH OR SOUTHWEST
SYS	SYSTEM
T/H	TEMPERATURE/HUMIDITY MODULE
TB	TERMINAL BOARD
TBD	TO BE DETERMINED
TBR	TIGHT BUFFER
TCP	TRANSMISSION CONTROL PROTOCOL
TDR	TIME DELAY RELAY
TEL	TELEPHONE
TELCO	TELEPHONE COMPANY
TERM	TERMINAL
TES	TELEPHONE ENTRY SYSTEM
THRU	THROUGH
THS	TEMPERATURE/HUMIDITY SENSOR
TMP	TAMPER ALARM POINT
TP	TAMPER PROOF
TPH	TOUCH PANIC HARDWARE
TRBL	TROUBLE
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TW	TWISTED
TW	TWISTED PAIR
TX	TRANSMIT/TRANSMITTER
TYP	TYPICAL
UG	UNDERGROUND
UM	MICRONS
UON	UNLESS OTHERWISE NOTED
UP	UPPER
UPS	UNINTERRUPTIBLE POWER SUPPLY
US	UPSTREAM (DATA FLOW)
UTP	UNSHIELDED TWISTED PAIR
V	VOLTAGE

