LASER COWORKING SPACE - ELECTRICAL WORKS - BOQ - Rev1					
Item	Description	Unit	Qty	Unit Rate (USD)	Total (USD)
	Division 16 - ELECTTRICAL WORK				
1	Electrical Panel Boards				
	The rate of Electrical Panel Boards shall include:	-			
	Supply and installation of panel board enclosure, circuit breakers, contactors, cables & wires connections, earthing connection, pilot lights,				
	push-buttons, ammeters, voltmeters, frequency meters, relays, cable glands,				
	surge arrestors, and all necessary accessories.				
	Labor, tools, transport, testing, one year guarantee, all overhead expenses and profit.				
	and profit.				
1.01	ATS	No	1		\$0
1.02	DB	No	1		\$0
1.03	UDB	No	1		\$0
1.04	DB-Mec	No	1		\$0
		-			
16/					\$ -
107	•				Ψ

Item	Description	Unit	New Quantity	Unit Rate (USD)	New Total (USD)
	<u>Division 16 - ELECTTRICAL WORK</u> (CONT'D)				
2	Feeder Cables				
	recuei Cables				
	The rate of Feeder Cables shall include:				
	Supply and installation of electrical cables, supports and fixing to cable				
	trays, tagging, lugs, and all necessary accessories.				
	Labor, tools, transport, testing, one year guarantee, all overhead expenses				
	and profit.				
2.01	(3x25+25)mm ² +E=16mm ² CU/PVC/PVC	m	40		\$0
2.02	(3x16+16)mm ² +E=10mm ² CU/PVC/PVC (3x6+6)mm ² +E=6mm ² CU/PVC/PVC	m m	30		\$0 \$0
2.03	(3x0+0)mm +E=0mm CO/1 VC/1 VC		50		ΨΟ
16 /	2				\$ -

Item	Description	Unit	New Quantity	Unit Rate (USD)	New Total (USD)
	<u>Division 16 - ELECTTRICAL WORK</u> (CONT'D)				
3	Cable Trays				
	The rate of Cable Trays shall include:				
	Supply and installation of hot dip galvanized cable trays, cover (where				
	requested), elbows, tees, fixations, and all necessary accessories.				
	Labor, tools, transport, testing, one year guarantee, all overhead expenses				
	and profit.				
3.01	400x50 Perforated for Cables	m	80		\$0
3.02	200x50 Perforated for Cables	m	80		\$0
16/	3				\$ -

Item	Description	Unit	New Quantity	Unit Rate (USD)	New Total (USD)
	<u>Division 16 - ELECTTRICAL WORK</u> (CONT'D)				
4	Lighting Outlets				
	The rate of Lighting Outlet shall include:				
	Supply and installation of outlet, rosace, 1m of cable lamp, conduits and wiring from point to point, or from point to switch, or from point to panel board, drilling of holes through walls, conduits, chassis, and all necessary accessories.				
	Labor, tools, transport, testing, one year guarantee, all overhead expenses and profit.				
4.01	Ceiling Light Outlet Wall Light Outlet	No No	145 10		\$0 \$0
4.02	wan Light Outlet	110	10		Φ0
16 /	4				\$ -

Item	Description	Unit	New Quantity	Unit Rate (USD)	New Total (USD)
	Division 16 - ELECTTRICAL WORK (CONT'D)				
5	Switches & Push Buttons				
	The rate of Switches & Push Buttons shall include:				
	Supply and installation of switch, box in wall / floor / ceiling, support,				
	wires and conduits from switch to lighting point, and all necessary				
	accessories.				
	Labor, tools, transport, testing, one year guarantee, all overhead expenses				
	and profit.				
5.01	10A 250V 1-way 1-gang switch 1-module	No	58		\$0
5.02	10A 250V 2-way 1-gang switch 1-module	No	6		\$0 \$0
5.03	6A 250V push button 1-module	No	9		\$0
5.04	Motion Sensor	No	2		\$0
5.05	2*32mm Empty Conduit for projector	No	4		\$0
		<u> </u>			
16 /	5				\$ -

Item	Description	Unit	New Quantity	Unit Rate (USD)	New Total (USD)
	Division 16 - ELECTTRICAL WORK (CONT'D)				
	DIVISION 10 - ELECTTRICAL WORK (CONT.D)				
6	Sockets & Electrical Outlets				
0	bothes & Electrical Gallets				
	The rate of Sockets & Electric Outlets shall include:				
	Supply and installation of socket, or electric outlet, box in Wall / floor /				
	ceiling, support, wires and conduits from socket to socket, or from socket to panel board, machinery, equipment, and all necessary accessories.				
	to paner roatu, macinnery, equipment, and an necessary accessories.				
	Labor, tools, transport, testing, one year guarantee, all overhead expenses			· · · · · · · · · · · · · · · · · · ·	
	and profit.				
6.01	16A 250V 3-pin socket 2-module	No	148		\$0
6.02	16A 250V 3-pin ups socket 2-module	No	22		\$0
6.03	16A 250V 3-pin socket 2-module Floor Mounted	No	42		\$0
6.04	16A 250V 3-pin ups socket 2-module Floor Mounted	No	30		\$0
6.05	Fan outlet - Wall mounted	No	4		\$0
6.06	Power Outlet for Pump	No	3		\$0
6.07	Power Outlet for AC	No	18		\$0
		 			
		1			
		1			
16/	6				\$ -

Item	Description	Unit	New Quantity	Unit Rate (USD)	New Total (USD)
	Division 16 - ELECTTRICAL WORK (CONT'D)				
7	Telephone System				
	The rate of Telephone system shall include:				
	Supply and installation of the telephone cabinet, sockets, Cat 3 cables,				
	conduits from sockets to cabinet, and all necessary accessories.				
	Labor, tools, transport, testing, one year guarantee, all overhead expenses				
	and profit.				
- 01					4.0
7.01	Connection to Main Telephone Cabinet Main distribution frame for telephone system	Ls No	0		\$0 \$0
7.02	Telephone socket RJ11 - Wall mounted	No	0		\$0 \$0
7.04	Telephone socket RJ11 - Floor mounted	No	0		\$0
16 /	7				\$ -

Item	Description	Unit	New Quantity	Unit Rate (USD)	New Total (USD)
	Division 16 - ELECTTRICAL WORK (CONT'D)				
8	Data System				
	The rate of Data system shall include:				
	Supply and installation of the Cat 6 cables, conduits and all necessary accessories.				
	uccoso110s.	<u> </u>			
8.01	Main Data Cabinet	No	1		\$0
8.02	Wifi Outlet	No	8		\$0
8.03	Data socket RJ45 cat.6 utp 2-module - Wall mounted	No	34		\$0
8.04	Data socket RJ45 cat.6 utp 2-module - Floor mounted	No	28		\$0
8.05	Data Outlet for Punch Machine	No	1		\$0
8.06	Camera Outlet	No	24		\$0
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		1			
16 /	8				\$ -
					\$ -

	Division 16 - ELECTTRICAL WORK (CONT'D)				
	Collection				
		<u>Page</u>			
1	Electrical Panel Boards	16 /			\$ -
2	Feeder Cables	16 /			\$ -
3	Cable Trays	16 /			\$ -
4	Lighting Outlets	16 /			\$ -
5	Switches & Push Buttons	16 /			\$ -
6	Sockets & Electrical Outlets	16 /			\$ -
7	Telephone System	16 /			\$ -
8	Data System	16 /			\$ -
	GRAND TOTAL				
	Division 16 - ELECTTRICAL WORK				
16 /	9	Tota	al (USD)-Exclu	ding VAT	\$ -