

UNIVERSIDAD TECNOLÓGICA DE FERREÑA
 INVITACIÓN PÚBLICA N° 09 DE 2020
 "COMPRA DE MATERIALES Y EQUIPOS DE LABORATORIO"
 EVALUACIÓN TÉCNICA

EVALUACIÓN TÉCNICA ANEXO 1 ITEM 1 MODIFICADO COMPRA DE MATERIALES LABORATORIOS DE FISICA UNIMACH

ITEM	NOMBRE DEL ELEMENTO	DESCRIPCIÓN ESPECIFICACIONES	MARCA	UNIDAD DE MEDIDA	CANTIDAD	DESCRIPCIÓN MARCA/REFERENCIA/SPECIFICACIONES OFERTADAS	ANMAT				EVALUACIÓN TÉCNICA -Cumple/ No cumple	MSC INTEGRACIÓN ELECTRONICA SAS						EVALUACIÓN TÉCNICA -Cumple/ No cumple	MICRO PNEUMATIC SAS						EVALUACIÓN TÉCNICA -Cumple/ No cumple																
							VALOR UNITARIO ANTES DE IVA	PORCENTAJE IVA (%)	VALOR IVA	VALOR UNITARIO IVA INCLUIDO		TOTAL IVA INCLUIDO	TIEMPO DE ENTREGA (Días Calendario)	TIEMPO DE GARANTÍA	VALOR UNITARIO ANTES DE IVA	PORCENTAJE IVA (%)	VALOR IVA		VALOR UNITARIO IVA INCLUIDO	TOTAL IVA INCLUIDO	TIEMPO DE ENTREGA (Días Calendario)	TIEMPO DE GARANTÍA	VALOR UNITARIO ANTES DE IVA	PORCENTAJE IVA (%)		VALOR IVA	VALOR UNITARIO IVA INCLUIDO	TOTAL IVA INCLUIDO	TIEMPO DE ENTREGA (Días Calendario)	TIEMPO DE GARANTÍA											
1	Sensor	SENSOR MAGNETICO PARA CILINDROS NEUMATICOS 2 HELIOS AUTOSWITCH UNIVERSAL 3 HELIOS NORMAMENTE ABIERTO VOLTAJE DE 5 A 30V DC/CC DE 0.300 MA		Unidad	6	SENSOR MAGNETICO PARA CILINDROS NEUMATICOS 2 HELIOS AUTOSWITCH UNIVERSAL 3 HELIOS NORMAMENTE ABIERTO VOLTAJE DE 5 A 30V DC/CC DE 0.300 MA	232,000	10%	\$	44,080.00	\$	276,080.00	\$	1,056.480	2	6 MESES POR DEFECTOS DE FABRICACION O POR MALA INSTALACION	Cumple	2 Wire NO DC/AC 5-20V 100MA 30W para cilindros de area METROVITEX/3 / RAMOS CS-G Cilindro neumático Sensor magnético interruptor	228,000.00	10%	\$	43,320.00	\$	271,320.00	\$	1,627.200	30 Día+	30 Día+	Cumple	REF: 090001036 SENSOR IDEAL MAG REED 5.20V/AC/CC CARLINA S S5XMM S 1 NORMAL ABIERTO	171,220.00	10%	\$	33,673.33	\$	204,893.33	\$	1,265.415	3-5	1 año	Cumple
2	Electrovalvula	ELECTROVALVULA MONDSTABLE 5 VAS 2 ESTADOS REF: VPM023 VALVULA 5/2VORNOE 1/2 CONEXION DE 1/4" NPT SERBOPULSADAS CON OPERADOR MANUAL BOMBA CON LED INDICADOR TEMPERATURA DE -20 A 10 °C PRESION DE 21 A 114 PSI		Unidad	2	ELECTROVALVULA MONDSTABLE 5 VAS 2 ESTADOS REF: VPM023 VALVULA 5/2VORNOE 1/2 CONEXION DE 1/4" NPT SERBOPULSADAS CON OPERADOR MANUAL BOMBA CON LED INDICADOR TEMPERATURA DE -20 A 10 °C PRESION DE 21 A 114 PSI	399,000	10%	\$	78,820.00	\$	474,820.00	\$	1,963.680	2	6 MESES POR DEFECTOS DE FABRICACION O POR MALA INSTALACION	Cumple	Electrovalvula de 5 vías. Todas las tipos 97720-502-02-01 Ruido: Abajo Rango de presión de trabajo: 100 MPa a 0.7 Temperatura ambiente y de fluido: 7°C: 50 a 50 (sin congelación) Tensión nominal de la bobina [DC]: 24, 12 V. Protección: IP67 (Resistente en IP69K29)	371,074.00	10%	\$	108,504.06	\$	679,578.06	\$	1,359.156	2	1	Cumple	REF: 02000022232 VALVULA SRI DE 1/2 1/4 ME RACCION REDUITE 2AVCC	456,932.00	10%	\$	86,709.88	\$	543,641.88	\$	1,086.118	3-5	1 año	Cumple
3	Silenciador	SILENCIADORES PLANOS PARA LAS ELECTROVALVULAS ANTERIORES SILENCIADOR PLANO DE BRONCE SINTERIZADO PRESION DE TRABAJO 150 PSI TEMPERATURA DE -20 A 80°C		Unidad	4	SILENCIADORES PLANOS PARA LAS ELECTROVALVULAS ANTERIORES SILENCIADOR PLANO DE BRONCE SINTERIZADO PRESION DE TRABAJO 150 PSI TEMPERATURA DE -20 A 80°C	10,000	10%	\$	1,900.00	\$	11,900.00	\$	47.600	2	6 MESES POR DEFECTOS DE FABRICACION O POR MALA INSTALACION	Cumple	AN (3C Sinterizado), silenciador de uso general, diámetro metálico Ruido: muy comprimido Presión máxima de trabajo: 1.0MPa Reducción de ruido: 13-21 dB(A) Área efectiva: 99.7 x 1.20 Temperatura ambiente y de fluido: 5 - 50° C	36,722.00	10%	\$	6,977.18	\$	43,699.18	\$	174.797	2	1	Cumple con descripción desde que sea compatible con la electrovalvula 97720-502-02-01	REF: 0465750013 SILENCIADOR PLANO 1/4"	9,838.00	10%	\$	1,847.32	\$	11,685.32	\$	46.781	3-5	1 año	Cumple
4	Sensor	SENSOR MAGNETICO PARA CILINDROS NEUMATICOS 3 HELIOS D-MMP CON CABLE DE 3 METROS SENSOR MAGNETICO 3 HELIOS 24 VDC PNP CON CABLE DE 3 METROS		Unidad	6	SENSOR MAGNETICO PARA CILINDROS NEUMATICOS 3 HELIOS D-MMP CON CABLE DE 3 METROS SENSOR MAGNETICO 3 HELIOS 24 VDC PNP CON CABLE DE 3 METROS	260,000	10%	\$	47,500.00	\$	297,500.00	\$	1,785.000	2	6 MESES POR DEFECTOS DE FABRICACION O POR MALA INSTALACION	Cumple	D-MMP/MSP/MSB, Detector de estado sólido, montaje directo. Salida directa a cable. En línea con cable eléctrico. Salida directa a cable. Aplicación: Pared, cilindro CI, PLC, 24V DC Real/PLC. Tensión de alimentación: 12/24V DC (4 a 30V DC). Corriente de carga: 5 to 40mA.	395,300.00	10%	\$	37,108.71	\$	232,437.71	\$	1,394.506	2	1	Cumple con descripción D-MMP o D-MSP	D-MMP SENSOR MAGNETICO	171,868.00	10%	\$	32,519.92	\$	203,927.92	\$	1,223.568	3-5	1 año	Cumple
5	Racor	RACOR PARA CONEXION DE LAS ELECTROVALVULAS CON TUBERIA NEUMATICA FLEXIBLE 6MM RACOR METALICO Y PLASTICO CONEXION DE 1/4" NPT PARA MANGUERA DE 6 IMPRESION DE TRABAJO 150 PSI		Unidad	6	RACOR PARA CONEXION DE LAS ELECTROVALVULAS CON TUBERIA NEUMATICA FLEXIBLE 6MM RACOR METALICO Y PLASTICO CONEXION DE 1/4" NPT PARA MANGUERA DE 6 IMPRESION DE TRABAJO 150 PSI	15,000	10%	\$	2,800.00	\$	17,800.00	\$	107.500	2	6 MESES POR DEFECTOS DE FABRICACION O POR MALA INSTALACION	Cumple	Conexión instantánea. Uso general. Conexión Tubo -Rasca macho. Bore macho: 1/20" Bore macho hexagonal Diám. ext. tubo macho: #1/8, #1/4, #3/8, #1/2, #5/8, #3/4, #1, #1 1/4, #1 1/2, #1 3/4, #1 3/8, #2, #2 1/8, #2 1/4, #2 3/8, #2 1/2, #2 3/4, #3, #3 1/4, #3 1/2, #3 3/4, #4, #4 1/4, #4 1/2, #4 3/4, #5, #5 1/4, #5 1/2, #5 3/4, #6, #6 1/4, #6 1/2, #6 3/4, #7, #7 1/4, #7 1/2, #7 3/4, #8, #8 1/4, #8 1/2, #8 3/4, #9, #9 1/4, #9 1/2, #9 3/4, #10, #10 1/4, #10 1/2, #10 3/4, #11, #11 1/4, #11 1/2, #11 3/4, #12, #12 1/4, #12 1/2, #12 3/4, #13, #13 1/4, #13 1/2, #13 3/4, #14, #14 1/4, #14 1/2, #14 3/4, #15, #15 1/4, #15 1/2, #15 3/4, #16, #16 1/4, #16 1/2, #16 3/4, #17, #17 1/4, #17 1/2, #17 3/4, #18, #18 1/4, #18 1/2, #18 3/4, #19, #19 1/4, #19 1/2, #19 3/4, #20, #20 1/4, #20 1/2, #20 3/4, #21, #21 1/4, #21 1/2, #21 3/4, #22, #22 1/4, #22 1/2, #22 3/4, #23, #23 1/4, #23 1/2, #23 3/4, #24, #24 1/4, #24 1/2, #24 3/4, #25, #25 1/4, #25 1/2, #25 3/4, #26, #26 1/4, #26 1/2, #26 3/4, #27, #27 1/4, #27 1/2, #27 3/4, #28, #28 1/4, #28 1/2, #28 3/4, #29, #29 1/4, #29 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