BID #2738
IRRIGATION CONTROLLER UPGRADES
OPEN : TUESDAY, JANUARY 31, 2023
AWARD: TUESDAY, FEBRUARY 7, 2023
FEBRUARY 7, 2023 - CORRECTED TAB SHEET

APPARENT LOW BIDDER	Horizon 3112 NE 112tjh Ave Ste F Vancouver WA 98682				Ewing Irrigation Products, Inc 3441 E Harbour Dr Phoenix AZ 85034			
DESCRIPTION	**PRODUCT #**	**QTY**	**UNIT PRICE**	**TOTAL**	**PRODUCT #**	**QTY**	**UNIT PRICE**	**TOTAL**
Item 1: Calsense CS3000 station add-on card and terminal board to add up to 8 conventially wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations	CS3-8STA-KIT	3	$535.68	$1,607.04	CS3-8STA-KIT	3	$539.13	$1,617.39
Item 2: Upgrade existing Calsense controller in heavy-duty stainless-steel enclosure to a CS3000 irrigation controller. Includes new SSE back plate, all options of controller being upgraded, and a communication interface hardware to connect existing radio. MUST include original controller serial number at time of order. Enclosure includes re-drilled antenna hole(s) if ordered with STUBBY antenna(s).	CS3-S-UPGRADE	9	$3,240.00	**$29,160.00**	CS3-S-UPGRADE	9	$3,260.87	$29,347.83
Item 3: Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Includes SR-STUBBY antenna.	CS3-SR-KIT	3	$1,818.72	$5,456.16	CS3-SR-KIT	3	$1,830.43	$5,491.29
Item 4: Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased seperately.	CS3-SR	2	$1,628.64	$3,257.28	CS3-SR	2	$1,639.13	$3,278.26
Item 5: Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.	SR-STICK-6	2	$401.76	$803.52	SR-STICK-6	2	$404.35	$808.70
Item 6: 50' standard length antenna cable with end connectors.	MR-400-DB-50ft	2	$276.48	$552.96	MR-400-DB-50ft	2	$278.26	$556.52

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Item 7: 24-station base model with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.	CS3-24-WM	1	$3,676.32	$3,676.32	CS3-24-WM	1	$3,700.00	$3,700.00
Item 8: Ethernet device for CS3000 to provide communication with cloud-based Command Center Online using a customer's existing Ethernet network	CS3-EN	18	$639.36	$11,508.48	CS3-EN	18	$643.48	**$11,582.64**
Item 9: Hardwire communication card and terminal board to provide communication between CS3000 controllers using Paige P7171D communication cable. For controllers in wall-mount enclosures (models CS3-WM, CS3-WM1, and CS3-WM2).	CS3-M-KIT	2	$609.12	$1,218.24	CS3-M-KIT	2	$613.04	**$1,226.08**
Item 10: CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).	CS3-FL	2	$561.60	$1,123.20	CS3-FL	2	$565.22	**$1,130.44**
Item 11: 48-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field replaceable modules.	CS3-48-WM	1	$5,335.20	$5,335.20	CS3-48-WM	1	$5,369.57	$5,369.57

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Item 12: Upgrade existing Calsense controller to a CS3000 irrigation controller with stainless-steel wall-mount enclosure. Includes new wall-mount enclosure, all options of controller being upgraded, and a communication interface hardware to connect existing radio. MUST include original controller serial number at time of order. Enclosure includes pre-drilled antenna hole(s) if ordered with STUBBY antenna(s).	CS3-WM-UPGRADE	32	$2,730.24	$87,367.68	CS3-WM-UPGRADE	32	$2,747.83	$87,930.56
Item 13: Antenna cable surge protection device	ANT-PROT	2	$207.36	$414.72	ANT-PROT	2	$208.70	$417.40
Sub-Total				$151,480.80				$152,456.68
Washington State Sales Tax - 8.5%				$12,875.87				$12,958.82
TOTAL BID				**$164,356.67**				**$165,415.50**