



ECONOMIC DEVELOPMENT AGENCY – COUNTY OF RIVERSIDE

ADDENDUM NO. 005

TO BIDDING DOCUMENTS, CONTRACT, BASIC SPECIFICATIONS, AND SPECIAL REQUIREMENTS FOR RANCHO JURUPA REGIONAL SPORTS COMPLEX

Bidders are advised that the Contract Documents for the above referenced contract are hereby amended in the following manner and in the following manner only:

A. GENERAL ITEMS

1. All provisions of this Addendum No. 005 are hereby incorporated into the contract documents, and bidders shall account for all provisions pursuant to this Addendum No. 005 in submitting their bid proposals. Each bidder shall include a dated and signed copy of this Addendum No. 005 with his sealed bid proposal.

B. PLAN & SPECIFICATION ITEMS

1. All concrete paving shall be 3,250 psi per plans. The reference to 4,000 psi concrete in the Geotechnical Report shall be revised to 3,250 psi.
2. Detail 'C', Sheet CD-3 shall be modified to have the gravel base and geotextile fabric extend 18" beyond the edge of the concrete pavers.
3. Construct a 6" wide by 16" deep concrete curb to separate the asphalt paving and permeable pavers. Install continuous #4 rebar 3" below top of curb and 1" deep score joints at 10' O.C. The top of curb is to be flush with the adjacent pavers and asphalt paving.
4. The existing stump and tree along Loring Ranch are to be removed.
5. The reference to hydroseed turf on sheets PP-1 and PP-2 shall be removed. The base bid shall be sod turf as specified on the plans.
6. The alternate bid item for the football striping shall also include increasing the length of the synthetic turf blades to a minimum of 2.5".

DATED: October 22, 2010

By: _____
Jason Plotkin, Project Manager

Date Received by Bidder

By: _____
Bidder's Signature

Typed or Printed Name



ST-90 STG-900

**Gear-Driven
Rotors for
Synthetic
Sports Turf
Applications**

Hunter introduces the new ST-90 and STG-900 rotors with enhancements specifically designed for the synthetic turf sports field market. The ST-90 offers a compact design with jar-top accessibility. The STG-900 includes convenient through-the-top access and an optional rubber cover kit. Both models are designed for use with Hunter's reliable and durable ICV remote control valve.

Features & Benefits

- Proven Heavy-Duty Gear Drive:**
Time-tested performance you can count on
- Full-Circle and Adjustable Part-Circle Models:**
40°–360° adjustable anytime; un-installed, installed, or while in operation
- Long-Range Performance with Three Color-Coded Nozzles:**
Developed specifically for synthetic turf sports fields
- Closed-Case Rotor Design:**
Helps prevent sticking risers and leaking seals resulting from in-fill pellet contamination
- Optional Rubber Cover Kit (STG-900):**
Provides added cushion and removable surface for attaching synthetic turf
- Top-Service Access To Riser (STG-900):**
Quick & easy servicing without disruption of turf or removal of enclosure lid

DIMENSIONS:

- Pop-up height: 3" (8 cm)
- Female Inlet ST-90: 1-1/2" NPT or BSP
- Female Inlet STG-900: 1-1/2" Acme or BSP*
* "B" model includes Acme x BSP adapter
- Exposed diameter ST-90: 3-1/2" (9 cm)
- Exposed diameter STG-900: 7-1/2" (19 cm)
- Overall height ST-90: 11" (28 cm)
- Overall height STG-900: 13-1/4" (34 cm)

OPTIONS AVAILABLE:

- Rubber cover kit STG-900-XX: PN 473900
- Rubber cover kit STG-900-ON: PN 473800

ST-90 / STG-900 Performance Chart*

Nozzle	Pressure PSI	Radius Ft.	Flow GPM	In./Hr. SQ.	In./Hr. EQ.
53 Dk. Blue	100	94	59.7	0.65	0.75
	110	96	61.6	0.64	0.74
	120	99	64.2	0.63	0.73
63 Black	100	97	69.2	0.71	0.82
	110	102	72.3	0.67	0.77
	120	108	75.5	0.62	0.72
73 Orange	100	103	74.5	0.68	0.78
	110	109	77.0	0.62	0.72
	120	115	79.6	0.58	0.67

* Preliminary performance

Metric ST-90 / STG-900 Performance Chart*

Nozzle	Pressure Bars	kPA	Radius m	Flow m³/hr	l/min	MM./Hr. SQ.	MM./Hr. EQ.
53 Dk. Blue	6.9	690	28.7	13.56	226.0	16.5	19.1
	7.6	760	29.3	13.99	233.2	16.3	18.9
	8.3	830	30.2	14.58	243.0	16.0	18.5
63 Black	6.9	690	29.6	15.72	261.9	18.0	20.8
	7.6	760	31.1	16.42	273.7	17.0	19.6
	8.3	830	32.9	17.15	285.8	15.8	18.3
73 Orange	6.9	690	31.4	16.92	282.0	17.2	19.8
	7.6	760	33.2	17.49	291.5	15.8	18.3
	8.3	830	35.1	18.08	301.3	14.7	17.0

* Preliminary performance

SPECIFICATIONBUILDER

MODEL	FEATURES	OPTIONS
ST-90 = 3" (8 cm) Pop-up	XX = 40°–360° Adjustable Arc ON = 360° Opposing Nozzle	53-73 = Factory-Installed Nozzle Number B = BSP Thread
STG-900 = 3" (8 cm) Pop-up	XX = 40°–360° Adjustable Arc ON = 360° Opposing Nozzle	53-73 = Factory-Installed Nozzle Number B = BSP Thread*
▶ ST-90	▶ XX	▶ 73

EXAMPLE

▶ **ST-90 - XX - 73**

* STG-900 includes 1-1/2" Acme x 1-1/2" BSP Adapter

