

NORTH COURSE IMPROVEMENTS
Alameda, CA
Bid Quantity Worksheet

Date: February 13, 2017					
ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL
I.	CONTRACTOR MOBILIZATION				
a.	Contractor Mobilization (project start-up expenses)	1	Lump Sum	\$ 10,000.00	\$ 10,000.00
b.	General Conditions (i.e.: construction yard, storage containers, office trailer rental, project management, employee housing, etc)	24	Month	\$ 8,100.00	\$ 194,400.00
	Subtotal				\$ 204,400.00
II.	EROSION CONTROL & ENVIRONMENTAL PROTECTION (Project Engineer Plans & Specs)				
a.	Silt Fence	10,000	Linear Foot	\$ 1.50	\$ 15,000.00
b.	Orange Mesh Fence	500	Linear Foot	\$ 1.25	\$ 625.00
c.	Hay Bales	100	Each	\$ 6.00	\$ 600.00
d.	Erosion Matting	100,000	Square Foot	\$ 0.15	\$ 15,000.00
	Subtotal				\$ 31,225.00
III.	SURVEY LAYOUT & STAKING				
a.	Golf Course Survey Layout & Staking	1	Lump Sum	\$ 15,000.00	\$ 15,000.00
b.	Irrigation & Features GPS	1	Lump Sum	\$ 32,400.00	\$ 32,400.00
	Subtotal				\$ 47,400.00
IV.	MASS EARTHWORKS				
a.	Turf Removal Fairways & Rough	95.00	Acre	\$ 400.00	\$ 38,000.00
b.	Turf Removal Tees	5.00	Acre	\$ 1,700.00	\$ 8,500.00
c.	SOIL Import Handling	409,000	Yds	\$ 1.00	\$ 409,000.00
d.	Top Soil Placement	95.00	Acre	\$ 4,250.00	\$ 403,750.00
e.	Greens Demolition and Disposal (Includes gravel & pipe removal & haul away)	124,450	Square Foot	\$ 0.45	\$ 56,002.50
f.	Nursery Green (California green)	12,000	Square Foot	\$ 1.00	\$ 12,000.00
g.	Muck out ponds	1	Lump Sum	\$ 439,200.00	\$ 439,200.00
	Subtotal				\$ 1,366,452.50
V.	SHAPING				
a.	Rough Shaping (Before irrigation. Includes all areas of disturbance within the golf course boundary as depicted on the grading plans)	1	Lump Sum	\$ 276,000.00	\$ 276,000.00
b.	Finish Shaping (Cart path subgrades)	1	Lump Sum	\$ 235,000.00	\$ 235,000.00
c.	Trucking Personnel	1	Lump Sum	\$ 243,600.00	\$ 243,600.00
	Subtotal				\$ 754,600.00
VI.	FEATURES CONSTRUCTION				
a.	Build All New Tees and Lazer Level (Minimum of 6" of cap sand on tees)	120,000	Square Foot	\$ 1.03	\$ 123,600.00
b.	Bunker Development (20 Bunkers)				\$ -
	Remove Old Sand	46,321	Square Foot	\$ 0.32	\$ 14,822.72
	Core & Edge	17,000	Square Foot	\$ 2.88	\$ 48,960.00
	Add New Drainage	2,000	Linear Foot	\$ 5.00	\$ 10,000.00
	Add Liner	17,000	Square Foot	\$ 0.90	\$ 15,300.00
	Add New Sand	17,000	Square Foot	\$ 2.15	\$ 36,550.00
c.	Putting Greens	130,000	Square Foot	\$ 5.16	\$ 670,800.00
d.	Bent Grass Nursery (California green construction method)	12	Square Foot	\$ 5.16	\$ 61.92
	Subtotal				\$ 920,094.64
VII.	IRRIGATION (Per Irrigation Designer Plans & Specs)				
a.	Golf Course System	1	Lump Sum		\$ -
b.	Golf Course System Materials & Labor	1	Lump Sum	\$ 688,920.00	\$ 688,920.00
c.	Pump Station Comms panel	1	Lump Sum	\$ 11,000.00	\$ 11,000.00
d.	Demo Old Irrigation System	1	Lump Sum	\$ 34,000.00	\$ 34,000.00
	Subtotal				\$ 733,920.00
VIII.	CART PATHS				
a.	Rolled Curb	42,000	Linear Foot	\$ 7.00	\$ 294,000.00
b.	Internal	30,000	Square Foot	\$ 11.78	\$ 353,400.00
c.	Chip seal	30,000	Square Foot	\$ 1.00	\$ 30,000.00
	Subtotal				\$ 677,400.00
IX.	GRASSING				
a.	Tees	120,000	Square Foot	\$ 0.19	\$ 22,800.00
b.	Fairways (Sod Hybrid bermuda Grass)	25.37	Acre	\$ 29,753.00	\$ 754,833.61
c.	Roughs (Rye Grass Seed	60	Acre	\$ 998.00	\$ 59,880.00
d.	Hydro Mulch	20.00	Acre	\$ 2,735.00	\$ 54,700.00
e.	Greens (Bent grass seed) (50% Tyee & 50% 007 mix. Seed rate 1.5 lb/1,000 sf)	130,000	Square Foot	\$ 0.21	\$ 27,300.00
f.	Deep Rough (50% Red Fescue, 25% Chewing Fescue, 12.5% Hard Fescue, 12.5% Sheep Fescue, 45 lb/acre)	22.6	Acre	\$ 1,230.00	\$ 27,798.00
g.	Wetland Grass's	14.7	Acre	\$ 4,849.00	\$ 71,280.30
	Subtotal				\$ 1,018,591.91

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X	STORM DRAINAGE AND GOLF COURSE DRAINAGE ALLOWANCES				
a.	4" Perforated Pipe with Gravel	41,300	Linear Foot	\$ 4.50	\$ 185,850.00
b.	Solid 4" Dual Wall ADS Pipe	50,000	Linear Foot	\$ 5.00	\$ 250,000.00
c.	Solid 6" Dual Wall ADS Pipe	2,200	Linear Foot	\$ 8.00	\$ 17,600.00
d.	Solid 8" Dual Wall ADS Pipe	1,000	Linear Foot	\$ 12.00	\$ 12,000.00
e.	Catch Basin and Grate	400	Each	\$ 144.00	\$ 57,600.00
	Subtotal				\$ 523,050.00
XI	TREE REMOVAL & LANDSCAPE				
a.	Remove Dead Trees	187	Tree	\$ 1,500.00	\$ 280,500.00
b.	Wetland Plants	3,000	5.68		\$ 17,040.00
	Subtotal				\$ 280,500.00
STONE WORK					
	STONE WORK	1	Lump Sum	\$ 88,000.00	\$ 88,000.00
TOTAL					\$ 6,645,632.00

ADDITIONAL IMPROVEMENT COST ESTIMATE

[illegible]