

RESOLUTION NO. 27-92

CITY OF CENTERVILLE, OHIO

SPONSORED BY COUNCILMAN James Singer ON THE
31st DAY OF August, 1992.

A RESOLUTION ACCEPTING THE BID OF IRVIN CONSTRUCTION COMPANY, INC. FOR THE CONSTRUCTION OF THE YANKEE TRACE GOLF COURSE FOR THE CITY OF CENTERVILLE AND TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONTRACT IN CONNECTION THEREWITH.

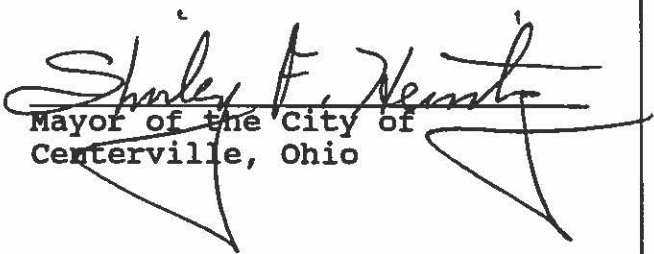
WHEREAS, the City advertised for bidders for the construction of the Yankee Trace Golf Course for the City of Centerville, pursuant to specifications prepared by the City; and

WHEREAS, Irvin Construction Company, Inc. was the low and best bidder;

NOW, THEREFORE, THE MUNICIPALITY OF CENTERVILLE HEREBY RESOLVES:

SECTION 1. The bid of Irvin Construction Company, Inc. marked Exhibit "A" attached hereto and made a part hereof is hereby accepted and the City Manager is hereby authorized and directed to enter into any necessary contract to evidence acceptance of said bid and to make payment pursuant thereto.

PASSED this 31st day of August
1992.


Mayor of the City of
Centerville, Ohio

ATTEST:

Maile M. Saughel
Clerk of the Council of the
City of Centerville, Ohio

CERTIFICATE

The undersigned, Clerk of the Council of the City of Centerville, Ohio, hereby certifies that the foregoing is a true and correct copy of Resolution Number 27-92, passed by the Council of the City of Centerville, Ohio, on the 31st day of August, 1992.

Maile M. Saughel
Clerk of Council

Approved as to form, consistency
with the Charter and Constitutional Provisions.

Department of Law
Robert N. Farquhar
Municipal Attorney

1.7.00 PROPOSAL FORM OFFER

Irvin Construction Co., Inc., as a Contractor authorized to do business in the State of Ohio,
proposes to perform the work identified as: Yankee Trace Golf Course

City of Centerville, July 10, 1992.

To the City of Centerville, Ohio

GENTLEMEN:

The undersigned hereby declares, as bidder, that he has personally examined the site of the herein proposed work, that the only persons or parties interested in this proposal are those named herein, that this bid is made without any connection with any other person, or making a bid for the same purpose, that he has read the Invitation to Bid, including Instructions to Bidders, General Conditions, Agreement, Bond forms, Specifications, plans and drawings, and the amendments thereto, that he agrees to all of the stipulations therein contained, and he proposes and agrees that if his bid, as submitted in the attached schedule is accepted, he will contract in the form specified in the Invitation to Bid, perform all the work mentioned in the Invitation to Bid and complete the same within the time therein specified after the date of notification by the City to proceed with the work, and will furnish the required bonds all within ten days after date of mailing Notice of Acceptance to him at his address as given below, and that he will accept in full payment therefor the prices named in the attached schedule. Said prices are to include and cover the furnishing of all material, labor, tools, equipment and all other things necessary to complete the entire work in a proper and workmanlike manner according to the plans identified in the Invitation to Bid and upon the terms and conditions and in the manner set forth in the Invitation to Bid, and under penalty of bond hereto attached, and to the full satisfaction and acceptance of the City of Centerville.

The following is the name and place of the surety company which will sign the bonds each in the amount of 100% of the bid as surety if the work is awarded to the undersigned.

American Capital Assurance Company

of _____

Local Agent Mr. Leonard Smith Midas Surety & Fidelities, Inc

Address 5534 Old National Hwy. Bldg H Suite 250 Atlanta, GA 30349

It is hereby agreed that the City of Centerville has the right to reject this proposal, or to award the above described work to the undersigned at the prices stipulated. If the proposal is rejected then the enclosed check for 5% of the amount of the bid, (if a bid bond is not included), which is made payable to the City of Centerville shall be returned to the undersigned as provided in Instruction to Bidders. If the proposal is accepted and the work is awarded and the Undersigned shall fail to enter into a contract in the form and terms set out in the invitation to Bid within ten days after the award shall have been made, then the said check shall be cashed and the amount thereof paid into the Treasury of the City of Centerville as liquidation damages for the failure of the undersigned to comply with the terms of this proposal.

Name of Corporation Submitting Bid Irvin Construction Co., Inc.

Name of Partnership Submitting Bid _____

If Partnership, Name of Partners _____

Name of Individual Submitting Bid _____

If Individual, Name of Business _____

Address 18320 Shelbyville Rd.

City Fisherville, KY 40023

Irvin Construction Co., Inc
Contractor

By *James H. Frank* Pres

PROJECT: YANKEE TRACE GOLF COURSE**Base bid per plans & specifications:**

All bid items below are lump sum (with maximum allowances as noted below) and part of the Golf Course Construction. All bids are including but not limited to all work and materials required to complete the work as outlined.

1.	Mobilization	\$ <u>180,228.00</u>
2.	Clearing, Grubbing & Disposal	\$ <u>168,560.00</u>
3.	Earthmoving	\$ <u>561,674.00</u>
4.	Features Construction (U.S.G.A. Green Specs.) (Maximum allowance for greens construction is the unit quantity square foot estimate in the bid schedule)	\$ <u>735,029.00</u>
	(Deduction for Modified U.S.G.A. Green Specs - \$ <u>6,384.00</u>)	
	Do not include this amount in the Total Base Bid	
5.	Golf Course Stormwater Drainage	\$ <u>504,886.00</u>
6.	Lake Water Control Structures	\$ <u>45,107.00</u>
7.	Sanitary Sewers	\$ <u>None Included in Base Bid</u>
8.	Irrigation	\$ <u>768,421.00</u>
9.	Seedbed Preparation, Fertilization & Grassing (Do not include any grass type alternates in this amount) (Maximum allowance for greens construction and sod are the unit quantity square foot estimates in the bid schedule)	\$ <u>298,612.00</u>
10.	Bridges	\$ <u>127,411.00</u>
11.	Cart Paths (Maximum allowance for cart paths is the unit quantity linear feet estimate in the bid schedule)	\$ <u>148,516.00</u>
	TOTAL BASE BID	\$ <u>3,538,444.00</u>

Important Notice:

The City Council shall award the bid to the lowest and best-qualified bidder meeting the specifications as set forth herein. The City Manager, when duly authorized, shall make and execute a written contract with the bidder specified by Council. The City Manager and/or the City Council shall have the right to reject any and all bids, or parts of bids, and to waive irregularities.

I, the undersigned, understand that the quantity takeoffs provided in this document are approximate only and I certify that I have done my own quantity takeoffs and am satisfied that the bid is for the work shown and called for.

WITNESS:

James Lloyd
Signature

CONTRACTOR

James R. Irvin, Sr.
Signature

DATE SIGNED:

7-9-92

PRINTED NAME AND TITLE OF CONTRACTOR

JAMES R. IRVIN, SR. PRESIDENT

If incorporated, the following information must be given:

State Chartered Under KENTUCKY

Company Name IRVIN CONSTRUCTION CO., INC.

JAMES R. IRVIN, SR.
Name of President

Address 18320 SHELBYVILLE RD.

PAUL A. IRVIN
Name of Secretary

FISHERVILLE, KY 40023

Name of Treasurer

If a partnership, names of the partners must be listed below:

For the purpose of determining the Contractor's compensation for additions and deletions to the Project during construction, the following unit prices for fully installed material are hereby offered.

Unit Price Breakdown:

<u>Item</u>	<u>Unit Price</u>
<u>Earthmoving</u>	
Topsoil Handling (remove & replace)	\$ <u>2.40</u> per cubic yard
Wet Excavation	\$ <u>3.00</u> per cubic yard
Normal Excavation	\$ <u>2.00</u> per cubic yard
Lake Lining	\$ <u>2.75</u> per square foot
Silt Fence	\$ <u>1.07</u> per linear foot
<u>Features Construction</u>	
Greens Construction (USGA Specs.)	\$ <u>2.40</u> per square foot
Greens Construction (USGA Modified Specs.)	\$ <u>2.33</u> per square foot
Tees Construction	\$ <u>1.29</u> per square foot
Bunker Construction	\$ <u>.69</u> per square foot
Waste Bunkers	\$ <u>.69</u> per square foot
<u>Golf Course Stormwater Drainage</u>	
4" Perforated ADS type pipe	\$ <u>2.77</u> per linear foot
6" Perforated ADS type pipe	\$ <u>3.30</u> per linear foot
4" Solid ADS type pipe	\$ <u>2.77</u> per linear foot
6" Solid ADS type pipe	\$ <u>3.91</u> per linear foot
8" Solid ADS type pipe	\$ <u>5.57</u> per linear foot
10" Solid ADS type pipe	\$ <u>6.58</u> per linear foot
12" Solid ADS type pipe	\$ <u>8.97</u> per linear foot
15" Solid ADS type pipe	\$ <u>10.99</u> per linear foot

18" Solid ADS type pipe	\$ <u>13.70</u>	per linear foot
24" Solid ADS type pipe (Smooth Wall)	\$ <u>20.40</u>	per linear foot
30" Solid ADS type pipe (Smooth Wall)	\$ <u>30.92</u>	per linear foot
36" Solid ADS type pipe (Smooth Wall)	\$ <u>37.31</u>	per linear foot
12" X 12" Plastic Inlets	\$ <u>326.87</u>	each
18" X 18" Plastic Inlets	\$ <u>355.47</u>	each
24" X 24" Plastic Inlets	\$ <u>439.95</u>	each
36" X 36" Plastic Inlets	\$ <u>500.00</u>	each
15" RCP Storm Sewer Pipe	\$ <u>20.15</u>	per linear foot
30" RCP Storm Sewer Pipe	\$ <u>38.05</u>	per linear foot
42" RCP Storm Sewer Pipe	\$ <u>63.86</u>	per linear foot
Catch Basin (ODOT 2 - 3)	\$ <u>880.52</u>	each
Catch Basin (ODOT 2 - 4)	\$ <u>1,782.00</u>	each
Headwall (ODOT HW - 1) 30"	\$ <u>628.33</u>	each
Headwall (ODOT HW - 3 Type "A") 42"	\$ <u>716.00</u>	each

Lake Water Control Structures

6' Vertical Wood Bulkheading (Per Plan Detail)	\$ <u>92.40</u>	per linear foot
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Sanitary Sewers

8" VCP Sanitary Pipe	\$ <u>15.92</u>	per linear foot
Sanitary Manholes (6'to 8' deep)	\$ <u>1,706.00</u>	each
18" RCP Sanitary Pipe	\$ <u>25.43</u>	per linear foot

IrrigationPipe

2" PVC Pipe (50MM) Class 200	\$ <u>.90</u>	per linear foot
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3" PVC Pipe (80MM) Class 200	\$ <u>1.20</u>	per linear foot
4" PVC Pipe (100MM) Class 200	\$ <u>2.20</u>	per linear foot
6" PVC Pipe (150MM) Class 200	\$ <u>4.10</u>	per linear foot
8" PVC Pipe (200MM) Class 200	\$ <u>6.60</u>	per linear foot
10" PVC Pipe (250MM) Class 200	\$ <u>14.00</u>	per linear foot

Valves

4" Gate Valve (100 MM)	\$ <u>360.00</u>	each
6" Gate Valve (150 MM)	\$ <u>420.00</u>	each
8" Gate Valve (200 MM)	\$ <u>625.00</u>	each
10" Gate Valve (250 MM)	\$ <u>975.00</u>	each
2" Lateral Line Isolation Valve (50MM)	\$ <u>70.00</u>	each
Air Relief Valve	\$ <u>320.00</u>	each

Electrical

#14 UF Common (2.5MM) (4) legs per satellite minimum	\$ <u>.09</u>	per linear foot
#14 UF Signal (2.5MM)	\$ <u>.08</u>	per linear foot
#4 Power Run (3 wires)(25MM)	\$ <u>1.10</u>	per linear foot
#6 Power Run (3 wires)(16MM)	\$ <u>.72</u>	per linear foot
#8 Power Run (3 wires)(10MM)	\$ <u>.30</u>	per linear foot
Communication Cable Path 1 (Approved Maxi Cable)	\$ <u>.70</u>	per linear foot
Communication Cable Path 2 (Approved Maxi Cable)	\$ <u>.70</u>	per linear foot
Pump Watch Cable (Belden #1063A)	\$ <u>.50</u>	per linear foot
Weather Station Cable (Belden #9883)	\$ <u>.50</u>	per linear foot
#6 Grounding into Fairway (16MM)	\$ <u>.39</u>	per linear foot

Grounding Rod Complete	\$ <u>28.00</u>	each
<u>Equipment</u>		
Weather Station WS-100	\$ <u>9,800.00</u>	lump sum
Field Controller MSC-24-SS	\$ <u>2,360.00</u>	each
Field Controller MSC-16-SS	\$ <u>NA</u>	each
Full Circle Sprinkler Eagle Series	\$ <u>NA</u>	each
Full Circle Sprinkler 51DR	\$ <u>225.00</u>	each
Part Circle Sprinkler 95DR	\$ <u>250.00</u>	each
Part Circle Sprinkler 77DR	\$ <u>210.00</u>	each
Quick Coupling Valve 5RC	\$ <u>195.00</u>	each
Pump Station (Complete)	\$ <u>146,981.00</u>	lump sum
Personal Computer IBM PS2 Model 55SX (Complete with interface module, color monitor, printer, cables, stand & protective covers, etc. in bid specs.)	\$ <u>5,000.00</u>	lump sum

Note: Above unit prices for sprinklers include all wiring, fittings and swing joint necessary for fully installed and operating sprinkler head. The unit prices for the various valves include fittings and valve boxes as required for a complete unit. All items for which no specific breakdown is provided are considered to be subsidiary items to other items of which they form a component part.

Seedbed Preparation, Fertilization & Grassing

Seedbed Preparation

Seedbed Preparation (Consists of tillage, minor grading, dragging, debris removal, and seedbed preparation without fertilizers or soil amendments)	\$ <u>249.00</u>	per acre
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Fertilization (Soil Amendments)

Starter Fertilizer (500 lbs./AC)	\$ <u>45.00</u>	per acre
Gypsum (2000 lbs./AC)	\$ <u>150.00</u>	per acre

Sulfur (2000 lbs./AC) \$ 150.00 per acre

Grassing

Greens Seeding

Creeping Bentgrass- SR 1020
(@ 2.0 lbs. per 1,000 Square Feet) \$.08 per square foot

Alternate Grass - Pennlinks Creeping
Bentgrass
(@ 2.0 lbs. per 1,000 Square Feet) \$.085 per square foot

Tees Seeding

Penncross Creeping Bentgrass
(@ 2.0 lbs. per 1,000 Square Feet) \$.08 per square foot

Alternate Grass - Dominant Creeping
Bentgrass Blend
(@ 2.0 lbs. per 1,000 Square Foot) \$.079 per square foot

Fairways Seeding

90% Penneagle Creeping Bentgrass &
10% Colonial Creeping Bentgrass
(@ 100 lbs. per Acre) \$ 1,173.00 per acre

Alternate Grass - Dominant Creeping
Bentgrass Blend
(@ 80 lbs. per 1 Acre) \$ 1,304.00 per acre

Immediate Rough Seeding

Perennial Ryegrass Blend - 34% Palmer,
33% Prelude, 33% Repell
(@ 250 lbs. per 1 Acre) \$ 825.00 per acre

#1 Alternate Grass - Champion G.Q.
Perennial Rye Grass
(@ 180 lbs. per 1 Acre) \$ 713.00 per acre

#2 Alternate Grass - Rye Grass Blend -
35% Accolade, 35% Manhattan II, 30% Pennant
(@ 250 lbs. per 1 Acre) \$ 783.00 per acre

Outer Rough and Out of Play Areas Seeding

Fine Fescue Blend - 80% Reliant \$ 886.00 per acre
 Hard Fescue and 20% Jamestown II Chewings Fescue
 (@ 175 lbs. per 1 Acre)

Alternate Grass - Fescue Blend - \$ 828.00 per acre
 80% Aurora Hard, 20% Banner Chewing
 (@ 172 lbs. per 1 Acre)

Mulching of Seedbed (Straw) \$ 550.00 per acre
 Loose straw cover spread evenly over the
 planted seedbed

Sod

Pennlinks Creeping Bentgrass Sod \$ 5.06 per square foot

Penncross Creeping Bentgrass Sod \$ 5.06 per square foot

Penneagle Creeping Bentgrass Sod \$ 4.17 per square foot

Perennial Ryegrass Blend Sod \$ 2.58 per square foot

Fine Fescue Blend Sod \$ 2.68 per square foot

Bridges

The cost to include construction and placing of wing walls, footing and bridge placement. Steel Bridge Specifications are attached to Addendum #2 for a prefabricated half-truss (pony truss) single span bridge with wood decking and a Typical Bridge Abutment Drawing. Continental Bridge Company of Alexandria, Minnesota was the basis of design specifications, however, other manufacturers bridges that comply with these specifications will be acceptable.

10' Wide X 40' Long Steel Bridge \$ 10,160.00 each

10' Wide X 60' Long Steel Bridge \$ 12,998.00 each

10' Wide X 75' Long Steel Bridge \$ 19,393.00 each

Cart Paths

8 Ft. Wide - Asphalt (10' wide base) \$ 6.52 per linear foot

10 Ft. Wide - Asphalt (12' wide base) \$ 7.94 per linear foot

BIDDER'S PRINCIPALS, EXPERIENCE, AND REFERENCES

Principals

The full names and residences of persons and firms interested in the forgoing Bid as Principals are as follow:

Irvin Construction Co., Inc. 18320 Shelbyville Rd. Fisherville, KY 40023

Experience and References

The Bidder shall here state work which he has done of similar nature to that bid for, and three references that will afford the Owner the opportunity to judge as to experience, skill, business standing and financial ability.

Pipestone Golf Course Miamisburg, OH Mr. Ron Parker (513) 866-3303

Oxmoor Golf Course Louisville, KY Mr. Steve Marrillia (502)329-8900

Glenmary Golf Course Louisville, KY " "

BIDDER'S PLAN AND EQUIPMENT QUESTIONNAIRE

(If more space is needed to answer the following questions, provide and attach on your own additional pages.)

1. List your and your subcontractor's bank(s) or financial institution(s) and furnishers of materials you intend to use for the construction of Yankee Trace Golf Course. Provide City of Centerville with the appropriate authorization to obtain or verify any information which may be requested in the investigation of this questionnaire.

See Attached Information Sheet.

Rainbird, Toro, Hilltop Basic Resources, Hendrix & Dail, Green

Velvet Sod Farm, Southern Ohio Paving, Continental Bridge, ADS,

Dura-Crete.

2. Explain, in detail, the manner in which you have inspected the Yankee Trace Golf Course.

Irvin Construction staff members have personally inspected the site

by driving the area and by foot. We also have thoroughly inspected

the plans and spec's and consulted with representatives of the City

and Gene Bates.

3. List the names and qualifications of personnel intended to be used on the Yankee Trace Golf Course project.

James Irvin, Jr. Superintendent, Bruce Irvin Superintendent

Bob Harned-Shaper, David Ashe-Shaper, David Coates-Shaper,

Rodney Griffith-Shaper, Jerry Taylor-Irrig. Foreman, Rick Hardesty-Irrig.

foreman.

4. Describe your plan for deployment of personnel if the Project is awarded to your firm.

Upon award, the general superintendent will be mobilized along with crews to begin clearing and mass excavation. Drainage crews will be mobilized as soon as enough area has been rough graded. General shaping, irrigation, green & tee construction will follow.

Finish grading, cart path and bridge construction, and seeding
crews will complete the work by the end of June 1993.

5. State the work which will be performed on the Golf Course by your organization and your proposed subcontractors.

Irvin Construction will complete all work except for green sterilization
and cart path paving.

6. List the equipment which you own and which will be available on this Golf Course Project.

See Attached sheet.

7. List the names of firms from whom you have purchased equipment during the last three (3) years, including addresses and telephone numbers.

See credit references on the attached sheet.

8. Outline and attach your General Time Schedule plan for constructing the Yankee Trace Golf Course.

See attached sheet.

9. List the golf course projects you have completed during the last five years.

Pipestone Golf Course - Miamisburg, OH, Glenoaks Golf Course
Louisville, KY, Glenmary Golf Course- Louisville, KY, Quail Chase
Golf Course (27 Holes) Louisville, KY, Oxmoor Golf Course- Louisville, KY
Hidden Creek Golf Course- Sellersburg, IN Renovations to the

10. ^{City of Louisville's Metro Parks Courses.} How many years have you been doing Golf Course Construction work of the same character as the work on which you are bidding?

Twenty three years.

11. State below the status of all uncompleted golf course projects which you have under contract, including all subcontracts.

Proj No.	County	State	Date of Award Contract	Amt of Contract	% of Time Consumed	Describe Work
IRV 365	Hamilton	Ohio	12/31/91	\$2,573,472.00	55%	Construction of a 9 hle executive course, learning center, and complete 18 hole renovation of Winton Woods Golf Course, Cincinnati, OH.

PROPOSAL FORM
YANKEE TRACE GOLF COURSE

STATE OF OHIO
CITY OF CENTERVILLE

Control No. _____

CERTIFICATE OF NON-COLLUSION

PROJECT NO. _____

LOCATION _____

AFFIDAVIT

The undersigned of lawful age, being first duly sworn, deposes and says:

That ^{as a} ~~the~~ ^{act} condition precedent to the award of the City of Centerville project as above captioned.

I JAMES R. IRVIN SR. of IRVIN CONSTRUCTION CO. INC.
(owner) (partner) (officer) or (delegate) (firm)

do solemnly swear that neither I, nor to the the best of my knowledge any member or members of my firm or company have either directly or indirectly restrained free and competitive bidding on this project by entering into any agreement, participating in any collusion, or otherwise taking any action unauthorized by City of Centerville.

Irvin Const. Co. Inc.
Contractor
By James R. Irvin Sr. Pres.
Title

Subscribed and sworn to before me this 9 day of July, 19 92.

Seal Expires: 6-8-94

Jimmy Lloyd
Notary Public

Control No. _____

PROPOSAL FORM

CERTIFICATE OF NON-DISCRIMINATION

YANKEE TRACE GOLF COURSE

PROJECT NO. _____

STATE OF OHIO

LOCATION _____

CITY OF CENTERVILLE

AFFIDAVIT

The undersigned of lawful age, being first duly sworn, deposes and says:

That as a condition precedent to the award of the City of Centerville Project as above captioned, I JAMES R. IRVIN SR of LAYIN CONST CO INC. ...
(owner) (partner) (officer or delegate) (firm)

do solemnly swear that neither I, nor to the best of my knowledge any member or members of my firm or company will not discriminate against any employee or applicant for employment because of race, religion, color, sex, ancestry, age handicap or national origin. I will take affirmative action to assure that applicants are employed, and that employees are treated during employment without regard to their race, religion, color, sex, ancestry, age, handicap or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoffs or terminations; rates of pay or other forms of compensation; and selection for training, including apprenticeship. I agree to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the CITY setting forth the provisions of this non-discrimination clause.

I will, in all solicitations or advertisements for employees placed by or on behalf of myself, state that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, ancestry, age, handicap or national origin.

I will send to each labor union or representative of workers with which I have a collective bargaining agreement or other contract of understanding a notice to be provided by the CITY advertising the labor union or workers representative of my commitments under paragraph 3.9.01 and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

In the event of my noncompliance with the non-discrimination clauses of this contract or with any of such rules, regulations or orders, this contract may be terminated in whole or in part as set forth in the clause entitled Termination for Default.

Irwin Const. Co Inc.

Contractor

By James H. Smith

Title Pres.

Subscribed and sworn to before me this 9 day of July, 19 92.

My Commission Expires: 6-2-92

Jerry Lloyd
Notary Public

Residing in Jefferson Co. Kentucky

IRVIN CONSTRUCTION COMPANY, INC.

EQUIPMENT LIST

1	WATER TRUCK
2	SINGLE AXLE DUMP
3	FORD F-600 FLAT DUMP
4	TANDEM DUMP TRUCK
5	INTERNATIONAL TRACTOR TRAILER DUMP
6	INTERNATIONAL LOWBOY (50 TON)
7	455 CASE HIGHLIFT
8	855 CASE HIGHLIFT
9	1450 CASE HIGHLIFT
10	1455 CASE HIGHLIFT
11	1455 CASE HIGHLIFT
12	W14 CASE 1.5 CY RUBBER TIRED LOADER
13	1109 FORD LOADER
14	580D CASE BACKHOE
15	580D CASE BACKHOE
16	580C CASE BACKHOE
17	580C CASE BACKHOE (HOE RAM AVAILABLE)
18	HITACHI TRACKHOE (CAT 215 SIZE)
19	450 CASE DOZER 6-WAY BLADE
20	450 CASE DOZER 6-WAY BLADE
21	450 CASE DOZER 6-WAY BLADE
22	450 CASE DOZER 6-WAY BLADE
23	PR-711 LIEBHERR (CAT D-5 DOZER W/6-WAY BLADE)
24	750 JOHN DEERE DOZER (W/6-WAY BLADE)
25	D-6 CAT DOZER
26	FIAT ALLIS (CAT D-6 SIZE DOZER W/SWAMP PADS)
27	JOHN DEERE GRADER #570
28	GALION GRADER 503
29	SCRAPER CAT SELF-LOADING #613
30	SCRAPER CAT SELF-LOADING #613
31	SCRAPER CAT SELF-LOADING #613
32	SCRAPER CAT SELF-LOADING #613
33	FORD GRADE TRACTOR
34	580 CASE GRADE TRACTOR
35	CASE 830 GRADE TRACTOR
36	2120 FORD 4X4 GRADE TRACTOR
37	DITCH WITCH (RIDING)
38	DITCH WITCH (WALK BEHIND)
39	10-12 TON FLAT ROLLER
40	SHEEPFOOT DOUBLE DRUM-PULL TYPE
41	AIR COMPRESSOR WITH DRILL
42	VIBRATORY PLATE COMPACTOR
43	THREE D(3) INCH WATER PUMPS
44	LINCOLN WELDER
45	BRILLION SEEDER
46	DOUGLAS 6' MOWER
47	LAWN FINISH BLADE
48	7800 SUPER ROCK PICKER
49	14" RAKE AND FOLD UP
50	6' BOX SCRAPER W/TEETH

PROJECT SCHEDULE
YANKEE TRACE GOLF COURSE

ITEM	1991 AUG	1992 SEP	1992 OCT	1992 NOV	1992 DEC	1993 JAN	1993 FEB	1993 MAR	1993 APRIL	1993 MAY	1993 JUNE
MOBILIZATION	=====										
EROSION CONTROL	=====										
CLEARING	=====										
EARTHMOVING		=====									
DRAINAGE		=====									
IRRIGATION PONDS		=====									
SHAPING			=====								
GREENS CONSTRUCTION								=====			
TTEE CONSTRUCTION								=====			
IRRIGATION								=====			
PUMP STATION					=====						
PLANTING PREPARATION								=====			
BUNKERS								=====			
SEEDING									=====		
SODDING									=====		
BRIDGES					=====						
CART PATH										=====	