

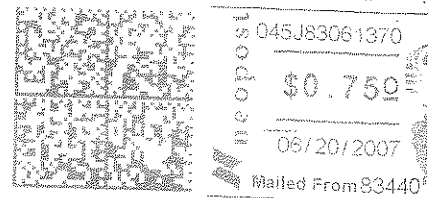
This is the Attachment to
Water Right # 22-7617

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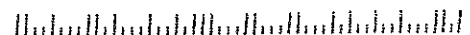
JUN 22 2007

DEPARTMENT OF
WATER RESOURCES

Law Offices
RIGBY, ANDRUS & MOELLER
Chartered
P.O. Box 250
Rexburg, Idaho 83440



IDWR Document Depository
P. O. Box 83720
Boise, ID 83720-0098



CONTRACT AGREEMENT

THIS AGREEMENT, made and entered into, in triplicate, this 7th day of September, 1952, by and between the City of Rexburg, hereinafter called the City, part of the first party and Howard H. Andrew - Andrew Well Drilling - Idaho Falls, Idaho hereinafter called the Contractor, part of the second part.

WITNESSETH: That the contractor, in consideration of the sum to be paid to him by the said City, in the manner and at the time hereinafter provided, and of other covenants and agreements herein contained, hereby agreed for himself, his heirs, administrators, successors and assigns, to perform all work and complete all construction required, as specified in the attached documents, and to furnish all necessary machinery, tools, apparatus, materials, and labor and to complete the work in the most substantial and workmanlike manner, according to this Agreement and other Contract Documents referred to herein and made a part hereto, and such modifications of the same and other directions that may be made as provided therein.

CONTRACT DOCUMENTS:

It is further agreed that the said plans and specifications and the schedule of rates and the prices set forth in the proposal and the general and special provisions appended to this contract, agreement and hereby specifically referred to and made a part of this contract, and shall have the same force and effect as though all the same were fully inserted herein.

PAYMENTS:

For the faithful performance of the work herein embraced, as set forth in the contract agreement, general and special provisions, notice to contractors, instructions to bidders, proposals, general and detailed specifications and plans, which are a part hereof, in accordance with the directions of the Engineer and to his satisfaction, the said City agrees to pay to said Contractor the amount earned, computed from the actual quantities of work performed as shown by the estimates of the Engineer and unit prices named in such proposal and to make such payments in the manner and at the times provided in the general provisions thereto appended.

IN WITNESS WHEREOF, the said parties have caused this agreement to be executed in triplicate the day and year first above mentioned.

CITY OF REXBURG, IDAHO

BY John E. King
Mayor
Howard H. Andrew
Contractor

ATTEST:

Loretta M. Ragby
City Clerk

(capacity)

The control equipment shall be of standard make and design, and shall conform to the standards of the American Institute of Electrical Engineers. Bearing temperature relays shall be furnished, and a positive low voltage release shall be included in the controls.

DISCHARGE COLUMN AND SHAFT

The total length of the discharge column shall be 30 feet. The bidder shall specify the diameter, weight per foot, wall thickness, and material of the discharge column. The pipe shall be furnished in interchangeable sections not over ten feet in length, and shall be connected with threaded, sleeve type couplings, with the joints butted to insure perfect alignment after assembly, or flanged couplings.

The shaft shall be in standard interchangeable lengths matching the column sections. It shall be turned, ground and polished precision shafting of ample size to operate the pump without distortion or vibration. It shall be coupled with strong steel couplings machined from solid bar steel. A non-corrosive journal shall be placed on each shaft at the bearing point. The column assembly shall have proper guides fitted into the pipe couplings and retained by the butted pipe ends. The shaft shall be water lubricated.

TURBINE CONSTRUCTION:

The pump bowls shall be of close grained cast iron having a minimum tensile strength of 30,000 pounds per square inch, free from blow holes, sand holes, and all other faults; accurately machined and fitted to close dimensions.

The impeller shaft shall be of stainless steel of not less than 12% chrome. No so-called rustless iron will be considered. The impeller shaft shall be supported by water lubricated, fluted rubber bearings on both sides of each impeller.

The impellers shall be of (bronze) (cast iron) (enameled cast iron), accurately machined and finished and perfectly balanced, both mechanically and hydraulically. They shall be securely fastened to the impeller shaft with a tapered bushing.

Each bowl shall have a wear ring to prevent slippage of water between bowl and impeller. The impellers shall be adjustable by means of a nut in the pump head.

SUCTION PIPE

A suction pipe ten feet in length and of proper diameter and same material as pump column shall be provided. A slotted strainer having a net inlet opening area of not less than four times the area of the suction pipe shall be provided.

WATER LEVEL INDICATOR

A suitable air line of galvanized iron pipe or copper tubing of sufficient length to extend from the surface to the top of the bowl assembly, with altitude gauge reading in feet and connections for air pump shall be furnished.

NOTICE TO CONTRACTORS

Each item to be bid upon shall be completely filled in by Contractor in his proposal, excepting that he may elect the type of alternate he wished to bid upon if alternate item appears in the proposal.

Any omission in filling in the bid will be considered as an irregularity in bidding and such proposal may be rejected at the discretion of the City.

PROPOSAL

TO THE CITY COUNCIL OF THE CITY OF REXBURG, IDAHO:

For drilling and casing one well in the Southeast corner of Block 46, City of Rexburg, Idaho, or what is now the City Park of City of Rexburg, Idaho, Madison County.

Gentlemen:

The undersigned as bidder, declares:

That the only person or parties interested in this proposal as principals are those named herein.

That this proposal is made without collusion with any other person, firm, or corporation, that he has carefully examined the plans, specifications, and form of contract therefor, on file in the office of the City Clerk and City Engineer:

That he is satisfied as to the quantities and conditions and understands that in signing this proposal he waives all right to plead misunderstanding regarding the same:

That he understands that the quantities named in this proposal are approximate only, and that he willingly to perform any increased or decreased quantities of work at unit prices for such work as set forth in this proposal.

And he proposes and agrees if this bid is accepted, that he will contract with said City of Rexburg, Idaho, in the said form of contract, to provide all necessary machinery, tools, apparatus, and other means of construction and do all the work, and to furnish all of the materials specified in the contract in the manner and time therein prescribed, according to the requirements of the Engineer as herein set forth, and that work shall begin within ten (10) calendar days after receipt of notice to proceed and shall be completed on or before , 1950.

That he will take in full payment therefor sums according to the actual amount of work performed of the various classes, and the respective unit prices bid as given in the following schedule:

(see following page)

PROPOSAL

Item	Unit Bid		Amount Bid	
	Dollars	Cents	Dollars	Cents
(1) Drilling hole to 100 ft. approx. to accommodate 18" O.D. casing.	\$	17.00	\$	1700.00
(2) Furnishing 100 feet of 18" O.D. 5/16ths wall well casing.	\$	6.49	\$	649.00
(3) Setting casing.	\$	75	\$	155.00
Unit Price per ft.				
Unit Price per hr.				
Total amount			\$	2504.00

party by whom this proposal is submitted and by whom the
to be entered into in case the award is made to him \$

Andrew Hall Drilling Contractors

(Individuals) Harward H. Andrew & Verel J. Andrew

(State whether bidder is "a corporation, a partnership, an individual")

doing business at Route one Street, Blaine Falls, Idaho
(City and State)

Which is the address to which all communications concerned with this
proposal and the contract should be sent.

The name of the president, treasurer, and manager of the building
corporation, or the names and residences of all persons and parties
interested in this proposal as partners or principals are as follows:

NAME

ADDRESSES

Harward H. Andrew

Route one

Verel J. Andrew

Route one

Accompanying this proposal is a certified check, cashier's check or
bidder's bond in the amount of \$130.20 (\$130.20) Dollars,
Which amount is not less than 5% of the total base bid.

DATED AT Blaine Falls, Idaho, August 23, 1950.

Andrew Hall Drilling

(Legal name of person, firm or
corporation)

by Harward H. Andrew

Name

Proprietor Partner

Title

PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, that we Harvard H.

President & Vice President of Anderson Mill Building

as Principal, and same

as Surety, are held and firmly bound unto the City of Rexburg, Idaho, (hereinafter called the City) in the full and penal sum of five per cent of the total amount of the proposal of said principal for the work hereinafter described, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, firmly by these presents.

The condition of this obligation is such, that whereas the Principal has this day submitted a sealed proposal for Building

furnishing casing and installing doors of one 18 inch
sash to a depth of approximately 100 feet.

NOW THEREFORE, If the said Principal shall be awarded and shall duly make and enter into a contract with the State in accordance with the terms of said proposal and award and shall within ten days, not including Sundays, after receiving notice of award, furnish a bond acceptable to the State for the faithful performance of such contract, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect.

IN WITNESS WHEREOF, the above bounden parties have executed this instrument, this 23 day of August, 1958.

WITNESS
(if individual or firm)

(Principal)

ATTEST:
(if corporation)

by Harvard H. Anderson

Verl J. Anderson
(Title)

(CORPORATE SEAL)

Hereinafter called the City) in the full and penal sum of Five per cent of the total amount of the proposal of said principal for the work hereinafter described, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators successors, and assigns, firmly by these presents.

The condition of this obligation is such, that whereas the Principal has this day submitted a sealed proposal for building

furnishing casing and installing same of over 18 inch
well to a depth of approximately 100 feet.

NOW THEREFORE, If the said Principal shall be awarded and shall duly make and enter into a contract with the State in accordance with the terms of said proposal and award and shall within ten days, not including Sundays, after receiving notice of award, furnish a bond acceptable to the State for the faithful performance of such contract, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect.

IN WITNESS WHEREOF, the above bounden parties have executed this instrument, this 23 day of August, 1952.

WITNESS
(if individual or firm)

ATTEST:
(if corporation)

by Raymond H. Anderson
(Principal)

Carl J. Anderson
(Title)

(CORPORATE SEAL)

(Surety)

BY

Countersigned: Resident Agent at

(Title)

, Idaho

State of Idaho
DEPARTMENT OF HEALTH
Laboratories - Boise

CHEMICAL ANALYSIS OF WATER

Source Rexburg City Well (City Park)

Date sampled 9-6-62 Depth of well _____ Date Received 9-10-62

Report result to: _____ Submitted by: H. L. Burkhardt, SEDHD

Name Mr. Bud Armstrong Copy of Report to: H. L. Burkhardt & Eng. & San. Div.

Address City Hall

City Rexburg, Idaho

Analyzed as follows: (results expressed in parts per million, "PPM")

pH	<u>8.0</u>	PPM	Nitrate	<u>0.90</u>	PPM as N
Total Solids	<u>270</u>	PPM	Phosphate		PPM PO_4
Alkalinity Carbonate	<u>0.00</u>	PPM	Silica		PPM SiO_2
(As $CaCO_3$) Bicarbonate	<u>160.0</u>	PPM			
Hardness (as $CaCO_3$)	<u>202.0</u>	PPM			
Calcium	<u>49.6</u>	PPM Ca			
Magnesium	<u>18.7</u>	PPM Mg			
Iron	<u>0.00</u>	PPM Fe			
Manganese	<u>0.00</u>	PPM Mn			
Aluminum		PPM Al			
Sodium	<u>12.48</u>	PPM Na	Fluoride	<u>0.37</u>	PPM
Chloride	<u>7.0</u>	PPM Cl	Sample: Single ☐ Composite ☐ Date _____		
Sulphate	<u>3.6</u>	PPM SO_4	Date reported _____		
			Chemist <u>L. Stokes</u>		

SEP 18 1962
[Signature]

2

70-10000

1306

Report to Dr. Livingston

Rexburg, Ida

Submitted by

Received by

Date Received _____

Date Reported

Chemist

AUG 26 1965

STATE OF ILLINOIS
DEPARTMENT OF HEALTH
LABORATORIES - CHICAGO

CHEMICAL ANALYSIS OF WATER

pH	7.7		
Total Solids	235	PPM	
Alkalinity Carbonate	0	PPM	
(as CaCO ₃) Bicarbonate	198	PPM	
Hardness (as CaCO ₃)	230	PPM	
Calcium	56.0	PPM Ca	Fluoride
Magnesium	21.6	PPM Mg	Chloride
Iron	<.01	PPM Fe	Sulfate
Manganese	0	PPM Mn	Nitrate
Aluminum		PPM Al	Phosphate
Ammonia		PPM as N	Silica
Sodium		PPM Na	

C O P Y

STATE OF IDAHO
DEPARTMENT OF HEALTH
LABORATORIES - BOISE

CHEMICAL ANALYSIS OF WATER

SOURCE: WELL # 2	PH 7.7
Rexburg <i>Porter Park</i>	
Date sampled 13 Aug. 1965	Total solids: 235 ppm
Report to: D. L. Armstrong	Alkalinity carbonate 0 ppm
Address: Rexburg, Idaho	(as CaCO ₃) 230 ppm
Date reported 650826	Calcium 56.0 ppm ca
(sgn) R. Cheney. chemist	Magnesium 21.6 ppm mg
	Iron .01 ppm fe
	Manganese 0 ppm mnd
	Fluride .46 ppm F
	Chloride 9 ppm Cl
	Sulfate 12 ppm so ₄
	Nitrate 0.8 ppm as N

STATE OF IDAHO
DEPARTMENT OF PUBLIC HEALTH
Division of Laboratories
BOISE

CHEMICAL ANALYSIS OF WATER

JUL 22 1953

Leroy Armstrong

Peter Park

New Well

SOURCE DATE SAMPLE TAKEN 6/24/53

Analyzed as follows:

Temperature 50 (C) (F), pH 7.5 Saturation index
Total Solids 230 ppm Turbidity
Alkalinity carbonate 0 ppm Color
as CaCO₃ bicarbonate 190 ppm Odor ppm

Hardness (as CaCO₃) 200 ppm
Calcium 52 ppm Ca Fluoride 0.3 ppm F
Magnesium 17 ppm Mg Chloride 10 ppm Cl
Iron 0.01 ppm Fe Sulfate 9 ppm SO₄
Manganese ppm Mn Nitrate 0.0 ppm as N
Aluminum ppm Al Phosphate .07 ppm PO₄
Ammonia ppm as N Silica 17 ppm SiO₂
Sodium ppm Na

ATC Macomber

Chemist

STATE OF IDAHO
DEPARTMENT OF PUBLIC HEALTH
Division of Laboratories
BOISE

BRANCH LABORATORIES

Bannock Co. Health Unit
Pocatello
So. Cen. Dist. Health Unit
Twin Falls

Kootenai Co. Health Unit
Coeur d'Alene
No. Cen. Dist. Health Unit
Lewiston

Leroy Armstrong Water Supt.

City of Rexburg, Idaho

Sample new well in city park

Analyzed as follows:

Temp. 70 °C
pH 7.4
Saturation index
Turbidity
Color
Odor
Total Solids 238
Calcium (as Ca) 52
Magnesium (as Mg) 16
Iron (as Fe) 0.0
Manganese (as Mn) 0.0
Silica 22
Aluminum (as Al) ppm
Alkalinity (as CaCO₃) ppm
Carbonate 0 ppm
Bicarbonate 192 ppm
Chlorides (as Cl) 6 ppm
Sulfates (as SO₄) .9 ppm
Fluorides (as F) 0.135 ppm
Phosphates (as PO₄) .1 ppm
Hardness (as CaCO₃) 196 ppm
(calculated) (soap)
Nitrates 1.2 ppm

Lab. Form 3
12-45-5M

Chemist

6" x Well

60' -

October 8, 1950

Testing - October 11, 1950

18 ft. static water level

Pump setting

70 ft.

Top of 18" casing

87 1/2 ft.

bottom of 24" casing

100 1/2'

bottom of 18" casing

well sealed of surface

water to 120'

18" casing completely

grouted in

18" hole to 172 ft.

Porter Park Well Log

Andrew Well Drilling

Idaho Falls, Idaho

-24"-

0-5' Clay & Top soil

10' Gravel & Sand

15' " "

20' " "

25' " "

30' " "

35' " "

40' " "

45' " "

50' " "

55' " "

60' " "

65' Hardpan

70' " "

75' Hardpan & cobblestone

80' " "

85' " "

85' to 87 1/2' Clay

87 1/2' lava-Soft Red Broken

90' " " " "

95' " " " "

100' Lava- Red solid

105' " " "

110' " " "

115' " Gray "

120' Lava- Gray- Openings

125' " " coarse grain

130' " " "

135' " " fine grain

140' " " openings

145' " " "

150' " " "

155' " " "

160' " " - red- coarse grain

165' " " " "

170' " "large opening & flow

172' Cinders, big supply of water

Porter Park Well

GENERAL SPECIFICATIONS

These specifications are intended to cover the furnishing and installation of a complete installation of pumping equipment for the City of Rexburg, Idaho, located at the southeast corner of the City Park, Rexburg, Idaho.

OPERATING CONDITIONS.

1 - Size of well, I.D. Casing	24 inches
2 - Depth of well	172 feet
3 - Standing water level below top of well	18 feet
4 - Pumping level below top of well at rated pump capacity.	20 feet
5 - Pumping head or pressure above top of well	135 feet
6 - Total pumping head	206 feet
7 - Capacity of pump	1000 G.P. M.

The total pumping head does not include losses in the pump, which must be allowed by the bidder. There may be a seasonal variation in the water level in the well as much as five feet.

The efficiency of the pumping unit shall be as high as correct design and good engineering will permit. All things being equal, consideration will be given to overall pumping costs.

MOTOR AND PUMP HEAD

For the deep well turbine pump the motor and pump head shall be the unit drive construction. The pump head shall be a standard pump head of the manufacturer, with a suitable base of high grade cast iron or fabricated steel for motor mounting and above ground discharge. The thrust bearing shall have ample capacity to carry the weight of all the rotating parts plus the hydraulic thrust of the pump impellers, and have an ample safety factor. It shall have a packing gland so located that it is readily accessible for servicing. The adjusting nut for the adjustment of the impellers shall be readily accessible.

The motor shall be a 440 volt, 3 phase, 60 cycle, not more than 1800 R.P.M. at no load and shall be the proper size to drive the pump continuously under the total head specified with a temperature rise of not more than 40° C. above ambient temperature. The motor shall be of the full voltage starting, vertical hollow shaft, squirrel cage induction type and shall conform to the standard of the American Institute of Electrical Engineers.

D. L. Armstrong

h d s

Wm