

205 Tunnel Drive  
 Canon City, CO 81212  
 Phone 719-269-1173  
 Fax 719-269-1148



1755 Telstar Dr. Ste. 300  
 Colorado Springs, CO 80920  
 Phone 719-622-6215  
 Fax 719-269-1148

Equal Opportunity Employer

February 13, 2018

Rich Wray, PE  
 Kiowa Engineering  
 1604 South 21<sup>st</sup> St.  
 Colorado Springs, CO 80904

Mr. Wray,  
 Tezak Heavy Equipment is pleased to present our proposal for Earthwork, Riprap, Conspan Bridge, and Concrete work on East Fork Jimmy Camp Creek Channel project.

Bid Item	Description	Qty	Units	Unit Cost	Subtotal
01	MOBILIZATION (BRIDGE & ROADWAY)	1	LS	\$ 27,225.47	\$ 27,225.47
02	CONSTRUCTION STAKING (BRIDGE & ROADWAY)	1	LS	\$ 6,296.40	\$ 6,296.40
03	CONTECH O-848 PRECAST BRIDGE (INSTALL ONLY)	21	EA	\$ 1,333.38	\$ 28,000.98
04	CONTECH O-848 PRECAST HEADWALLS (INSTALL ONLY)	2	EA	\$ 2,780.34	\$ 5,560.68
05	STRUCTURAL CONCRETE AND STEEL REINFORCING	568	CY	\$ 686.91	\$ 390,164.88
06	HP 14X73 PILES	2460	LF	\$ 65.77	\$ 161,794.20
07	WINGWALL AND HEADWALL HANDRAILS	260	LF	\$ 144.80	\$ 37,648.00
08	SELECT BACKFILL OVER PRECAST BRIDGE	3459	CY	\$ 32.51	\$ 112,452.09
09	STRUCTURE EXCAVATION	4080	CY	\$ 8.92	\$ 36,393.60
10	STRUCTURE BACKFILL, CDOT CLASS 1	4635	CY	\$ 27.72	\$ 128,482.20
11	TYPE 3 GUARDRAIL	200	LF	\$ 65.60	\$ 13,120.00
12	END ANCHORAGE (NON-FLARED)	2	EA	\$ 2,971.71	\$ 5,943.42
13	END ANCHORAGE (FLARED)	2	EA	\$ 2,933.87	\$ 5,867.74
<b>BRIDGE &amp; ROADWAY SUBTOTAL</b>					<b>\$ 958,949.66</b>

OPTION	FURNISH CONTECH O-848 PRECAST BRIDGE & WINGWALLS	1	LS	\$ 394,380.00	\$ 394,380.00
<b>BRIDGE &amp; ROADWAY SUBTOTAL (INCLUDING FURNISH CONSPAN)</b>					<b>\$ 1,353,329.66</b>

Bid Item	Description	Qty	Units	Unit Cost	Subtotal
14	MOBILIZATION (DRAINAGEWAY)	1	LS	\$ 47,278.90	\$ 47,278.90
15	CONSTRUCTION STAKING (DRAINAGEWAY)	1	LS	\$ 16,090.80	\$ 16,090.80
16	LOW FLOW CHANNEL SECTION A	990	LF	\$ 34.40	\$ 34,056.00
17	LOW FLOW CHANNEL SECTION B	615	LF	\$ 100.49	\$ 61,801.35
18	GROUTED 24 INCH DIAMETER BOULDERS	570	CY	\$ 261.26	\$ 148,918.20
19	GROUTED 36 INCH DIAMETER BOULDERS	92	CY	\$ 347.12	\$ 31,935.04
20	GROUTED TYPE M RIPRAP	177	CY	\$ 146.01	\$ 25,843.77
21	TYPE L SOIL RIPRAP	2689	CY	\$ 46.57	\$ 125,226.73
22	TYPE M SOIL RIPRAP	5374	CY	\$ 47.51	\$ 255,318.74
23	EARTHWORK, CUT TO FILL	3265	CY	\$ 8.38	\$ 27,360.70
24	EXCAVATION (CUT TO WASTE ONSITE WITHIN 2000 FT)	21292	CY	\$ 6.07	\$ 129,242.44
25	GRAVEL MAINTENANCE TRAIL	846	CY	\$ 55.78	\$ 47,189.88
26	PAVESTONE ACCESS RAMP	1600	SF	\$ 8.53	\$ 13,648.00
27	SEEDING & MULCH	9.7	AC	\$ 990.57	\$ 9,608.53
28	STABILIZED STAGING AREA	1	EA	\$ 7,714.81	\$ 7,714.81
29	CONCRETE WASHOUT	1	EA	\$ 819.69	\$ 819.69
30	VEHICLE TRACKING	1	EA	\$ 2,380.84	\$ 2,380.84
<b>DRAINAGEWAY SUBTOTAL</b>					<b>\$ 984,434.42</b>

## Bid Clarifications, Inclusions and Exclusions:

1. All listed Bid Clarifications, Inclusions and Exclusions will be made part of any contract with Tezak Heavy Equipment.
2. Pricing is based upon information provided in the Plans and CAD files supplied by Kiowa Engineering. Existing topography information in the CAD files may not necessarily reflect current site conditions.
3. Final quantities for payment purposes will be based upon actual site conditions, measurements of installed quantities, and approved "For Construction" plans.
4. Pricing is based on a standard work week of 5 days / 50 Hours per week, Monday through Friday during daylight hours.
5. Mobilization – Pricing includes one mobilization and demobilization for all labor, equipment, materials and supervision necessary to complete Tezak Heavy Equipment's scope of work.
6. Construction Staking - Pricing includes all construction staking, initial and final topo surveys for quantities, and final as-built information.
7. Contech O-848 Precast Bridge & Headwalls (Install Only) – Pricing includes installing the precast Conspan O-848 Bridge and Headwalls. OWNER will furnish precast Conspan. Price includes grouting and joint wrap. Waterproofing and/or painting of the structure is EXCLUDED.
8. Structural Concrete & Reinforcing – Pricing includes all concrete and rebar for the Conspan foundation and wingwalls, as well as, for the Cutoff Walls and Guardrail Pedestals detailed on the plans. Curb & Gutter and Sidewalk are EXCLUDED.
9. HP14X73 Piling – Pricing is based upon driving approximately 82 piles approximately 30 feet deep. Pricing also includes installing commercially available pile tips and 18" x 18" x 1.25" cap plates on all piles. Pile Driving Testing is EXCLUDED.
10. Select Backfill over Precast Bridge – Pricing is based on using CDOT Class 1 Structural Backfill. The CDOT Class 1 Structural Backfill material is very similar to the specified material and has been used successfully on many previous projects. Backfill quantity is based upon filling to road subgrade elevation. Backfill is AASHTO A-1 or A-3 material is EXCLUDED.
11. Structure Excavation – Pricing includes all excavation to subgrade elevations for the Conspan Foundations & Wingwalls. Structure excavation quantity is based on 1.5:1 backslopes per OSHA safety standards.
12. We believe that the Structure Backfill (CDOT Class 1) shown on the plans could be replaced with processed and compacted native material, since it is not in contact with the Conspan structure. **If the imported CDOT Class 1 material is replaced with native material, the price can be reduced to \$15.00/CY (\$58,957.20 Savings).**
13. Guardrail – All guardrail related items are per CDOT standards. Pricing includes modified guardrail installation over the Conspan as detailed on plan page 12.
14. Low Flow Channel Section A – Pricing includes Geocor 700 Turf Reinforcement Mat approximately 63 feet wide per the detail on plan page 6.
15. Low Flow Channel Section B – Pricing includes 12" Thick Type VL Soil Riprap and Geocor 700 Turf Reinforcement Mat approximately 20 feet wide per the detail on plan page 6.
16. Grouted Boulders – Pricing includes Grout and Boulders over 12" of Type VL Riprap and Mirafi 500X Geotextile. Grout quantity is calculated based upon grouting boulders to approximately 6 inches from the top of the boulders.

17. Grouted Type M Riprap Check Structure – The grouted riprap check structure will be installed at the beginning of the project and will act as the primary erosion control BMP for treating any water that may be leaving the site.
18. Soil Riprap – Pricing is based on a 65% riprap to 35% clean native sand blend. All soil riprap will be placed on prepared native soil. Imported Type II Filter material is EXCLUDED. Plans reference void filled riprap in several locations, Void Filled Riprap per UDFCD specifications would be an Additional Charge.
19. Earthwork, Cut to Fill – Pricing includes all excavation and embankment to subgrade elevations. Quantity was calculated using the existing and proposed contours provided in the CAD files.
20. Earthwork, Cut to Waste Onsite – Pricing includes all excavation to subgrade elevations and stockpiling of excess soils. Quantity was calculated using the existing and proposed contours provided in the CAD files. Pricing is based upon availability of an onsite stockpile area(s) within 2000 feet of the channel. Offsite disposal of excess soil is EXCLUDED.
21. Gravel Maintenance Trail – Pricing includes grading & compaction for several sections of maintenance road using Class 6 Road Base approximately 6” thick.
22. Pavestone Access Ramp – Pricing includes furnishing and installing approximately 1600 SF of Pavestone Grasstone II permeable pavers for an access ramp.
23. Seeding & Mulching – Pricing includes seeding & mulching per the information provided on plan page 11. Soil Amendments, Fertilizers, Watering and/or Maintenance is EXCLUDED.
24. Stabilized Staging Area – Pricing includes stabilizing a staging area as shown in the plans of approximately 12,500 SF.
25. Tezak Heavy Equipment will require a completed credit application and proof of available funds prior to starting work.
26. Payment terms are as follows: 50% of the Mobilization item will be paid prior to starting work. Tezak Heavy Equipment will submit monthly billing based on project completion with payment due within 15 days (Net 15). No Retainage will be held on payments.
27. Copies of all Permits, Easements, and Environmental Clearances will be provided to Tezak prior to starting work.
28. Project Construction is contingent upon a mutually acceptable contract agreement between Tezak Heavy Equipment, Co. Inc. and the Owner.

Exclusions:

- All Sales & Use Taxes on Permanent Materials
- Permits / Easements/ Environmental Clearances
- Traffic Control
- Testing / Quality Control
- Site Restoration / Seeding
- Rock Excavation
- Import or Export of Earthwork Materials, unless specifically included in the Scope of Work
- Removal and/or Disposal of any Hazardous Materials
- Bond, If Required Add 1%

We appreciate the opportunity to provide this quote to you and we look forward to a favorable reply to this proposal at your earliest convenience. Tezak Heavy Equipment is also willing to provide pricing for additional items of work or modify this proposal to assist you in evaluating proposals.

Should you need any further clarification or additional information, feel free to contact Bryan Danner at 719-269-1173.

Cordially,

*Bryan Danner*

Bryan Danner, PE  
Estimator / Engineer  
Tezak Heavy Equipment, Inc.  
[bdanner@tezakheavyequipment.com](mailto:bdanner@tezakheavyequipment.com)

# FONTAINE BLVD. BRIDGE & EAST JCC @ LORSON RANCH



## Rice & Rice Inc

8150 Rice lane  
Fountain, CO 80817

**Contact:** Ty Rice  
**Phone:** Office (719) 392-5311 or Cell (719) 651-8354  
**Fax:** (719) 392-5311

Quote To: Lorson Ranch Metro District  
212 N. Washsatch Ave. Ste 301  
Colorado Springs, CO 80903  
Phone: (719) 635-3200  
Fax: (719) 635-3200  
C/O Jeff Mark

Job Name: FONTAINE BRIDGE/EAST FORK JCC  
Date of Plans: 1/26/2018  
Revision Date:

Bid Proposal Date: 2/26/2018

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
<b>EAST FORK JCC GRADING &amp; EROSION CONTROL</b>					
1001	MOBILIZATION	1.00	LS	14,450.00	14,450.00
1002	CONSTRUCTION STAKING	1.00	LS	12,750.00	12,750.00
2001	LOW FLOW CHANNEL "A"	990.00	LF	26.90	26,631.00
2002	LOW FLOW CHANNEL "B"	615.00	LF	117.00	71,955.00
3001	GROUTED 24" DIAMETER BOULDERS	570.00	CY	294.00	167,580.00
3002	GROUTED 36" DIAMETER BOULDERS	92.00	CY	284.00	26,128.00
3003	GROUTED TYPE M RIP RAP	177.00	CY	128.00	22,656.00
3004	TYPE L SOIL RIP RAP - 9" D50 & TOPSOIL	2,689.00	CY	92.00	247,388.00
3005	TYPE M SOIL RIP RAP - 12" D50 & TOPSOIL	5,374.00	CY	81.00	435,294.00
4001	SITE CUT TO FILL	3,265.00	CY	5.55	18,120.75
4002	EXCAVATION - CUT TO PILE	21,292.00	CY	2.20	46,842.40
4003	GRAVEL MAINTENANCE TRAIL	846.00	CY	51.10	43,230.60
4004	PAVESTONE ACCESS RAMP	1,660.00	SF	11.10	18,426.00
4005	SEEDING AND MULCHING (CHANNEL/HAUL ROADS)	9.70	AC	1,685.00	16,344.50
4006	STABILIZED STAGING AREA	1.00	EA	13,245.00	13,245.00
4007	CONCRETE WASH OUT	1.00	EA	2,500.00	2,500.00
4008	VEHICLE TRACKING CONTROL	1.00	EA	3,570.00	3,570.00
<b>EAST FORK JCC GRADING &amp; EROSION CONTROL SUB TOTAL</b>					<b>\$1,187,111.25</b>
<b>FONTAINE CON SPAN BRIDGE WORK</b>					
6001	MOBILIZATION	1.00	LS	41,400.00	41,400.00

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
6002	CONSTRUCTON SURVEYING	1.00	LS	11,220.00	11,220.00
6003	CONTECH O-848 PRECAST BRIDGE SECTION & SETTING	21.00	EA	17,057.50	358,207.50
6004	CONTECH O-848 PRECAST HEADWALL & SETTING	2.00	EA	26,291.15	52,582.30
6006	STRUCTURAL CONCRETE AND STEEL REINFORCING	568.00	CY	603.25	342,646.00
6007	HP 14 X 73 PILES	2,460.00	LF	70.60	173,676.00
6008	WINGWALL & HEADWALL HANDRAILS	260.00	LF	202.05	52,533.00
6009	SELECT BACKFILL (AASHTO M145-91 SOIL TYPE A1- A3	3,459.00	CY	35.25	121,929.75
6010	STRUCTURAL EXCAVATION	4,080.00	CY	5.30	21,624.00
6011	STRUCTURE BACKFILL - CDOT CLASS 1	4,635.00	CY	35.25	163,383.75
6012	TYPE 3 GUARDRAIL (6-3 POST SPACING)	200.00	LF	116.75	23,350.00
6013	CDOT STD. NON FLARED END ANCHOR	2.00	EA	2,852.00	5,704.00
6014	CDOT STD. FLARED END ANCHOR - 37'-6"	2.00	EA	28.20	56.40
	<b>FONTAINE CON SPAN BRIDGE WORK SUBTOTAL</b>				<b>\$1,368,312.70</b>
<b>GRAND TOTAL</b>					<b>\$2,555,423.95</b>

**NOTES:**

Jeff,

Here is our bid proposal and scope of work for the above referenced project. We were provided with plans & quantities prepared by Kiowa Engineering dated February 26, 2018

We did a take of will all applicable sections for rip rap areas, strip sections and compaction factors.

The quantities generated from the takeoff are as follows: Strip and pile topsoil (6,900 CY's), Replace piled topsoil (6,900 CY's), Cut to Fill (3,265 CY's). There is also approximately (12,175 CY's) of rip rap section excavations, which will be piled directly north of the channel to the east, into 2 to 3 piles for future use. The haul to each pile would be 900 feet one way, if the owner wants it at a further distance, the price will need adjusted.

**SCOPE EXCLUSIONS**

1. Surveying and testing
2. Fees, permits, licenses or bond
3. Over-excavation of unsuitable soils and recompaction
4. Dust control for our work only (while we are on site)
5. Waterproofing and or Staining / Structural Coating
6. De-watering (T&M)
7. No import or export of material
8. Silt fence or relocation of silt fence (This is already in place)
9. Rock excavation
10. Compaction above 95% standard
- 11.
12. 4 feet wide by 4 inch thick asphalt between guard rail and sidewalk. This would be better suited for asphalt/concrete paver (Pyramid) to do as Fontaine is being paved.
13. Reconditioning of subgrades due to weather or subtrades

14. Work with frost or freezing conditions
15. Street cleaning
16. Cold weather protection
17. Relocation, protection or installation of utilities (including rip rap)
18. Storm water management plan or permit
19. Stabilization of subgrade
20. Saw-cutting
21. Removal of debris
22. Import or export of material to balance the site
23. Sidewalk or Curb & Gutter
24. QC - Testing or Inspections
25. Security Fencing
26. Reinforcement material - Drawings, & Placement
27. Certifications, Onsite Inspections or As Built's
28. Type 2 Filter/Bedding Material Per Bid Q&A's

This bid is good for thirty (30) days and is contingent upon written subcontract language agreeable to this contractor.

The bid pricing for this project is based on our hourly rental rates with a fuel rate at (\$ 2.20) per gallon.

Respectfully Submitted,

Ty Rice  
President



<b>Developer/Contractor</b> The Landhuis Company 212 N. Wahsatch Ave, Suite 301 Colorado Springs, CO 80903 Phone: 719-635-3200	<b>Project Name</b> Fontaine Boulevard Bridge and East Fork Jimmy Creek Channel	<b>Date</b> 1/3/17
	<b>Contact Name and Phone #</b> Jeff Mark 303-210-7747	

### Earthwork Proposal

*Dwire Earthmoving LLC (Dwire)* is pleased to offer the following proposal and scope of work for the above referenced project based on the plans by Kiowa Engineering dated 1/26/18. Soils Reports were not provided with this bid. Please feel free to call me if you have any questions or concerns.

#### Earthwork Inclusions

Channel Construction	Quantity	Units	Unit Price	Total
Mobilization: One time for Channel	1	ls	\$20,000.00	\$20,000.00
Clear and Grub	1	ls	\$5,500.00	\$5,500.00
24" Void filled Type M rip rap on 1' on site sand	2,626	tn	\$51.55	\$135,370.30
Low Flow section B type M rip rap on 1' on site sand	1,161	tn	\$77.59	\$90,081.99
24" grouted boulders	829	tn	\$137.13	\$113,680.77
36" grouted boulders	184	tn	\$146.32	\$26,922.88
Grouted Check dam	228	tn	\$64.09	\$14,612.52
Low flow Turf reinforcement	78,083	sf	\$2.52	\$196,769.16
Soil Rip Rap bank lining	7,352	tn	\$59.45	\$437,076.40
Strip 4" of Topsoil to Stockpile	6,000	ls	\$2.00	\$12,000.00
Overlot Grade site to +/- 0.2' per overlot grading plan	5,200	cy	\$4.00	\$20,800.00
Replace topsoil with onsite topsoil	6,000	cy	\$4.00	\$24,000.00
Structural excavation to stockpile	28,500	cy	\$2.50	\$71,250.00
Access road with class 6 base and Gravel trail	1,608	tn	\$34.42	\$55,347.36
<b>Total Earthwork for Channel</b>				<b>\$1,223,411.38</b>

Bridge				
Bridge Purchase	1	ls	\$450,890.00	\$450,890.00

Bridge Placement				
Mobilization: One time for Bridge	1	ls	\$80,000.00	\$80,000.00
Survey	1	ls	\$50,000.00	\$50,000.00
Bridge Placement: -Pile Tip	1	ls	\$925,000.00	\$925,000.00

- Steel Piling 14x73
- Headwall Rail
- Concrete Class D (Box Culvert)
- Concrete Class D (Wall)
- 50' x 9.5' Con-span (precast)
- Reinforcing Steel (non-epoxy) Grade 60
- Structural concrete
- Guardrail with end anchors

Concrete cut off walls	83	cy	\$325.00	\$26,975.00
Select Backfill	3,600	cy	\$27.50	\$99,000.00
Structural excavation to stockpile	4,000	cy	\$2.50	\$10,000.00
Structure Backfill CDOT Class 1	5,300	cy	\$36.00	\$190,800.00
Construction Management	1	ls	\$15,000.00	\$15,000.00
Construction and Contract revisions	1	ls	\$0.00	\$0.00
We will do our own layout for overlot and mass grading using GPS and Digital Modeling	1	ls	\$0.00	\$0.00
<b>Total Bridge</b>				<b>\$1,396,775.00</b>
<b>Total Inclusions</b>				<b>\$3,071,076.38</b>

**Dwire** will do our own layout, at our option, for over lot and mass grading using GPS (Global Positioning Satellite) and Digital Modeling. *There is no charge for this.* **This does not relieve Developer of construction survey responsibility.**

### **Stipulations:**

- We will need 4-5 control points to utilize our GPS and Digital Modeling capabilities
- Construction water must be available in sufficient quantity and accessible to a 12,000 gallon stand tank and 8,000 gallon water wagon within 1,000 lf of the work area. *Dwire* will pay for our own water usage.
- Dust control during *Dwire* construction activities only.
- No import or Export. Unless stated otherwise, it is assumed that all on-site soils, including ripped materials, are suitable (no unsatisfactory soils) for site grading. No export of unsuitable or excess soils is assumed. No import or placement of aggregates, sand, structural or select fill.
- Sequencing and phasing of the work will be determined by *Dwire*.

### **Exclusions:**

**The following are standard exclusions, unless included above. Most of these may be addressed on a T&M basis or negotiated price.**

- Demolition and removal of structures and above grade site improvements.
- No Removal and re compaction of undocumented fills.
- Demolition and removal of hidden or buried structures, items, debris, or contaminated or hazardous soils or materials.
- Responsibility for existing road usage/crossings by construction traffic.
- All aspects of traffic control and vehicle and pedestrian protection are excluded. This includes, but not limited to, fencing, barriers, warning lights, signage, barricades, flagging, radio control, sweeping and signage for the protection of trees, existing site improvements, and undisturbed areas.
- All aspects of storm water control and erosion control. No maintaining or removal of erosion control devices or cleanup from storm damage.
- Survey/layout, certification staking, as-built data and drawings.

- Soil testing /engineering.
- Work in freezing conditions, mud, snow, frost removal, frost protection (blanketing/ A.M. processing) of any nature.
- Permitting or associated fees.
- Relocation, demolition or abandonment of any utilities.
- Street sweeping or cleaning.
- Seeding, import of topsoil or landscape work of any nature, including protection and restoration, tree and brush removal.
- Muck excavation or de watering (Includes work that is so wet that it causes a significant loss of production and/or requires extraordinary procedures to complete the work).
- Compaction above 95%.
- Additional grading or reconditioning resulting from disturbance by others or weather.
- Potholing, protection/ location-relocation of existing utilities and no work within 5' horizontal and 3' vertical of utilities.
- Handling, processing or removal of utility trenching spoils.
- Rock Excavation, includes anything that significantly slows production or must be ripped.
- No preparation or proof rolling sub-grade for slabs, gravel surfacing, pavements of any kind.

### **Terms:**

**This proposal is good for 30 days from the date of this proposal. Any subsequent commitment by *Dwire* to perform is conditional on the following:**

- Subcontract language acceptable to *Dwire*. This proposal is for items specifically listed in the inclusions above, and shall become an attachment to the contract. Any additional work not specifically listed above is assumed to be excluded from this proposal.
- Availability of *Dwire*. (The meaning of this is that we have pending work, not yet contracted, and if contracted could prevent commitment to this proposed work. We are making commitments on a “first come, first serve basis”. Any prior commitment may nullify this proposal.)
- No retention withheld from progress payments and final payments.
- No bond.
- If off- road fuel prices should increase from this date of proposal, the prices in this proposal may need to be adjusted accordingly.
- At any time changes are made to the project plan or specification data, revisions are to be forwarded without request to *Dwire* for price and schedule revisions.
- *Dwire* reserves the right to withdraw this bid at any time prior to official written acceptance.
- This proposal is confidential and may not be released without written consent of *Dwire*.

### **Acceptance & Notice to Proceed**

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Jeffrey Dwire  
**Dwire Earthmoving LLC**

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Terms: Bill on the 25<sup>th</sup>, Net 15-Customer agrees to pay late charge on balance due of 1.5% per month or the maximum rate in the state work was performed, whichever is more. Furthermore, customer agrees to pay reasonable attorney’s fees & costs for collections and/or litigation of this agreement, the non prevailing party shall pay all fees