

WOFH Escalation Summary for Provisional Sum Change Orders

Comments by Natalie Iwasa in green:

Slide does not include the credit for JUOA Staff (Joint Use & Occupancy Agreement) of \$4,903 through June 2015.

Admin. costs of \$67,129 were "rounded" (by -\$2,996) per HART staff to arrive at total escalation cost of \$26,750,000.

Shouldn't rounding be in taxpayer favor, i.e., to \$26,748,000 rather than the higher \$26,750,000?

NUMBER	CATEGORIES	Original KIWC Estimate	Original HART Estimate	KIWC Expended Costs Through June, 2015	HART Forecast From July 1, 2015 to July 1, 2016	Total Escalation Forecast
1	Staff Labor	\$2,769,856	\$2,000,000	\$2,813,369	\$1,081,101	\$3,894,470
2	Craft Labor	\$9,186,621	\$5,000,000	\$5,409,444	\$3,245,848	\$8,655,292
3	Fuel, Oil, & Grease (FOG)	\$2,670,530	\$2,000,000	(\$250,540)	(281,531)	(\$532,071)
4	Concrete	\$6,092,167	\$3,000,000	\$2,633,150	\$1,137,995	\$3,771,145
5	Small Tools and Supplies - Consumables	\$14,713,544	\$10,500,000	\$7,451,221	\$3,189,810	\$10,641,031
6	Sub Total – Provisional Sum Costs	\$35,432,718	\$22,500,000	\$18,056,644	\$8,373,223	\$26,429,867
7	Administrative Costs	Included	Included	\$253,004	\$67,129	320,133
8	Total – Provisional Sum Costs	\$35,432,718	\$22,500,000	\$18,309,648	\$8,440,352	\$26,750,000

JUOA credit

(\$4,903)

(\$4,903)

Add back rounding in administrative cost

\$2,996

\$2,996

Total cost for Provisional Sum including Staff Preparation of billing is \$26,750,000. A cost difference of \$8,682,718 or 75.5% of the Kiewit requested amount of \$35,432,718

Total escalation forecast, excluding rounding

\$26,748,093

**WOFH Escalation Forecast
Monthly Breakout**

Item	Month	Craft	Staff	Fuel	Concrete	Undefined	Prep Effort	Credit JUOA Staff	Total
Escalation Paid - Invoice #1 (9/2013 to 12/2014)									
	Sep-13	\$37,049.00	\$56,021.00	\$1,855.00	\$0.00	\$1,379.00	\$0.00	(\$18.00)	\$96,286
	Oct-13	\$74,097.00	\$135,102.00	\$3,710.00	\$1,500.00	\$37,696.00	\$0.00	(\$194.00)	\$251,911
	Nov-13	\$74,097.00	\$132,892.00	\$3,710.00	\$8,648.00	\$111,498.00	\$0.00	(\$486.00)	\$330,359
	Dec-13	\$74,097.00	\$131,173.00	\$3,710.00	\$21,389.00	\$96,759.00	\$0.00	(\$494.00)	\$326,634
	Jan-14	\$135,552.00	\$145,349.00	(\$4,114.00)	\$35,747.00	\$186,935.00	\$0.00	(\$529.00)	\$498,940
	Feb-14	\$135,552.00	\$155,255.00	(\$4,114.00)	\$73,271.00	\$196,386.00	\$0.00	(\$510.00)	\$555,840
	Mar-14	\$135,552.00	\$185,248.00	(\$4,114.00)	\$54,916.00	\$424,944.00	\$15,813.00	(\$451.00)	\$811,908
	Apr-14	\$211,731.00	\$166,037.00	(\$1,451.00)	\$111,954.00	\$295,214.00	\$16,015.00	(\$455.00)	\$799,045
	May-14	\$240,975.00	\$155,945.00	(\$1,451.00)	\$29,313.00	\$333,792.00	\$13,727.00	(\$383.00)	\$771,918
	Jun-14	\$264,316.00	\$165,988.00	(\$1,451.00)	\$60,091.00	\$272,301.00	\$16,015.00	(\$240.00)	\$777,020
	Jul-14	\$279,748.00	\$87,895.00	(\$1,114.00)	\$350,482.00	\$264,791.00	\$16,542.00	(\$194.00)	\$998,150
	Aug-14	\$232,275.00	\$79,893.00	(\$1,114.00)	\$144,896.00	\$311,396.00	\$8,252.00	(\$183.00)	\$775,415
	Sep-14	\$299,841.00	\$86,679.00	(\$1,114.00)	\$108,261.00	\$229,829.00	\$15,755.00	(\$24.00)	\$739,227
	Oct-14	\$295,889.00	\$94,276.00	(\$8,508.00)	\$221,183.00	\$356,156.00	\$17,255.00	(\$20.00)	\$976,231
	Nov-14	\$244,625.00	\$77,734.00	(\$8,508.00)	\$45,663.00	\$254,223.00	\$16,630.00	(\$6.00)	\$630,361
	Dec-14	\$245,468.00	\$79,619.00	(\$8,508.00)	\$2,167.00	\$275,733.00	\$21,560.00	(\$8.00)	\$616,031
Subtotal		\$2,980,864.00	\$1,935,106.00	(\$32,576.00)	\$1,269,481.00	\$3,649,032.00	\$157,564.00	(\$4,195.00)	\$9,955,276
Bond	1.03665%	\$30,901.13	\$20,060.28	(\$337.70)	\$13,160.07	\$37,827.69	\$1,633.39	(\$43.49)	
Subtotal		\$3,011,765.13	\$1,955,166.28	(\$32,913.70)	\$1,282,641.07	\$3,686,859.69	\$159,197.39	(\$4,238.49)	
GET	4.71200%	\$141,914.37	\$92,127.43	(\$1,550.89)	\$60,438.05	\$173,724.83	\$7,501.38	(\$199.72)	
Subtotal		\$3,153,679.50	\$2,047,293.71	(\$34,464.59)	\$1,343,079.12	\$3,860,584.52	\$166,698.77	(\$4,438.20)	
Markup	10.00000%	\$315,367.95	\$204,729.37	(\$3,446.46)	\$134,307.91	\$386,058.45	\$16,669.88	(\$443.82)	
Subtotal		\$3,469,047.45	\$2,252,023.08	(\$37,911.05)	\$1,477,387.03	\$4,246,642.97	\$183,368.64	(\$4,882.03)	
GET on Markup	4.71200%	\$14,860.14	\$9,646.85	(\$162.40)	\$6,328.59	\$18,191.07	\$785.48	(\$20.91)	
Total		\$3,483,907.59	\$2,261,669.93	(\$38,073.45)	\$1,483,715.62	\$4,264,834.04	\$184,154.13	(\$4,902.94)	\$11,635,305
Escalation Paid - Invoice #2 (1/2015 to 3/2015)									
	Jan-15	\$276,527.42	\$82,986.58	(\$30,522.61)	\$323,157.93	\$416,775.78 ^A	\$25,882.47	\$0.00	\$678,032
	Feb-15	\$220,818.94	\$85,203.54	(\$30,522.61)	\$69,955.10	\$296,783.49 ^A	\$13,218.10	\$0.00	\$358,673
	Mar-15	\$270,988.19	\$62,019.74	(\$30,522.61)	\$116,227.93	\$399,893.92 ^A	\$5,948.15	\$0.00	\$424,661
Subtotal		\$768,334.55	\$230,209.86	(\$91,567.82)	\$509,340.96	\$1,113,453.19	\$45,048.72	\$0.00	\$2,574,819
Bond	1.03665%	\$7,964.94	\$2,386.47	(\$949.24)	\$5,280.08	\$11,542.61	\$467.00	\$0.00	
Subtotal		\$776,299.49	\$232,596.33	(\$92,517.06)	\$514,621.04	\$1,124,995.80	\$45,515.72	\$0.00	
GET	4.71200%	\$36,579.23	\$10,959.94	(\$4,359.40)	\$24,248.94	\$53,009.80	\$2,144.70	\$0.00	
Subtotal		\$812,878.72	\$243,556.27	(\$96,876.46)	\$538,869.99	\$1,178,005.60	\$47,660.42	\$0.00	
Markup	10.00000%	\$81,287.87	\$24,355.63	(\$9,687.65)	\$53,887.00	\$117,800.56	\$4,766.04	\$0.00	
Subtotal		\$894,166.59	\$267,911.90	(\$106,564.11)	\$592,756.99	\$1,295,806.17	\$52,426.46	\$0.00	
GET on Markup	4.71200%	\$3,830.28	\$1,147.64	(\$456.48)	\$2,539.16	\$5,550.76	\$224.58	\$0.00	
Total		\$897,996.88	\$269,059.53	(\$107,020.59)	\$595,296.14	\$1,301,356.93	\$52,651.04	\$0.00	\$3,009,340
Remaning Escalation - Invoice #3 (4/2015 to 6/2015)									
	Apr-15	\$282,624.30	\$82,635.42	(\$30,073.36)	\$211,063.87	\$529,368.05	\$3,099.11	\$0.00	\$1,078,717
	May-15	\$290,191.35	\$78,953.73	(\$30,073.36)	\$156,468.81	\$519,454.53	\$5,337.35	\$0.00	\$1,020,332
	Jun-15	\$306,356.52	\$80,240.00	(\$30,073.36)	\$106,591.99	\$564,026.87	\$5,423.44	\$0.00	\$1,032,565
Subtotal		\$879,172.17	\$241,829.15	(\$90,220.08)	\$474,124.67	\$1,612,849.46	\$13,859.90	\$0.00	\$3,131,615
Bond	1.03665%	\$9,113.94	\$2,506.92	(\$935.27)	\$4,915.01	\$16,719.60	\$143.68	\$0.00	
Subtotal		\$888,286.11	\$244,336.07	(\$91,155.35)	\$479,039.68	\$1,629,569.06	\$14,003.58	\$0.00	
GET	4.71200%	\$41,856.04	\$11,513.12	(\$4,295.24)	\$22,572.35	\$76,785.29	\$659.85	\$0.00	
Subtotal		\$930,142.15	\$255,849.19	(\$95,450.59)	\$501,612.03	\$1,706,354.36	\$14,663.43	\$0.00	
Markup	10.00000%	\$93,014.21	\$25,584.92	(\$9,545.06)	\$50,161.20	\$170,635.44	\$1,466.34	\$0.00	
Subtotal		\$1,023,156.36	\$281,434.11	(\$104,995.65)	\$551,773.24	\$1,876,989.79	\$16,129.77	\$0.00	
GET on Markup	4.71200%	\$4,382.83	\$1,205.56	(\$449.76)	\$2,363.60	\$8,040.34	\$69.09	\$0.00	
Total		\$1,027,539.19	\$282,639.67	(\$105,445.41)	\$554,136.83	\$1,885,030.14	\$16,198.86	\$0.00	\$3,660,099

NOTES:

^A Includes \$32,827.67 of Undefined Escalation from Invoice Period #1.

^B Monthly amounts are proportional to the expected monthly billings/contractor workload to the end of the project.

**WOFH Escalation Forecast
Monthly Breakout**

Item	Month	Craft	Staff	Fuel	Concrete	Undefined	Prep Effort	Credit JUOA Staff	Total
Remaining Escalation - Remaining Invoices (7/2015 to 6/2016)									
	Jul-15 ^B	\$327,034.62	\$108,926.05	(\$20,073.36)	\$114,658.38	\$321,388.48	\$5,000.00	\$0.00	\$856,934
	Aug-15 ^B	\$196,220.77	\$65,355.63	(\$20,073.36)	\$68,795.03	\$192,833.09	\$5,000.00	\$0.00	\$508,131
	Sep-15 ^B	\$92,877.83	\$30,935.00	(\$20,073.36)	\$32,562.98	\$91,274.33	\$5,000.00	\$0.00	\$232,577
	Oct-15 ^B	\$315,842.77	\$105,198.36	(\$20,073.36)	\$110,734.52	\$310,389.86	\$5,000.00	\$0.00	\$827,092
	Nov-15 ^B	\$270,057.92	\$89,948.71	(\$20,073.36)	\$94,682.35	\$265,395.47	\$5,000.00	\$0.00	\$705,011
	Dec-15 ^B	\$327,616.02	\$109,119.69	(\$20,073.36)	\$114,862.22	\$321,959.84	\$5,000.00	\$0.00	\$858,484
	Jan-16 ^B	\$249,127.71	\$82,977.44	(\$20,073.36)	\$87,344.21	\$244,826.60	\$5,000.00	\$0.00	\$649,203
	Feb-16 ^B	\$255,668.40	\$85,155.96	(\$20,073.36)	\$89,637.38	\$251,254.37	\$5,000.00	\$0.00	\$666,643
	Mar-16 ^B	\$254,360.26	\$84,720.26	(\$20,073.36)	\$89,178.74	\$249,968.82	\$5,000.00	\$0.00	\$663,155
	Apr-16 ^B	\$153,633.60	\$51,171.04	(\$20,073.36)	\$53,863.96	\$150,981.17	\$5,000.00	\$0.00	\$394,576
	May-16 ^B	\$203,342.86	\$67,727.80	(\$20,073.36)	\$71,292.04	\$199,832.22	\$5,000.00	\$0.00	\$527,122
	Jun-16 ^B	\$131,395.24	\$43,764.07	(\$20,073.36)	\$46,067.19	\$129,126.75	\$5,000.00	\$0.00	\$335,280
Subtotal		\$2,777,178.00	\$925,000.00	(\$240,880.32)	\$973,679.00	\$2,729,231.00	\$60,000.00	\$0.00	\$7,224,208
Bond	1.03665%	\$28,789.62	\$9,589.01	(\$2,497.09)	\$10,093.64	\$28,292.57	\$621.99	\$0.00	
Subtotal		\$2,805,967.62	\$934,589.01	(\$243,377.41)	\$983,772.64	\$2,757,523.57	\$60,621.99	\$0.00	
GET	4.71200%	\$132,217.19	\$44,037.83	(\$11,467.94)	\$46,355.37	\$129,934.51	\$2,856.51	\$0.00	
Subtotal		\$2,938,184.81	\$978,626.85	(\$254,845.35)	\$1,030,128.01	\$2,887,458.08	\$63,478.50	\$0.00	
Markup	10.00000%	\$293,818.48	\$97,862.68	(\$25,484.53)	\$103,012.80	\$288,745.81	\$6,347.85	\$0.00	
Subtotal		\$3,232,003.29	\$1,076,489.53	(\$280,329.88)	\$1,133,140.81	\$3,176,203.89	\$69,826.35	\$0.00	
GET on Markup	4.71200%	\$13,844.73	\$4,611.29	(\$1,200.83)	\$4,853.96	\$13,605.70	\$299.11	\$0.00	
Total		\$3,245,848.02	\$1,081,100.82	(\$281,530.72)	\$1,137,994.77	\$3,189,809.59	\$70,125.46	\$0.00	\$8,443,348

Summary	
Escalation Paid - Invoice #1 (9/2013 to 12/2014)	\$11,635,305
Escalation Paid - Invoice #2 (1/2015 to 3/2015)	\$3,009,340
Remaining Escalation - Invoice #3 (4/2015 to 6/2015)	\$3,660,099
Remaining Escalation - Remaining Invoices (7/2015 to 6/2016)	\$8,443,348
Total	\$26,748,092

Comments by Natalie Iwasa:

JUOA credit (\$4,903)
 Prep Effort "rounding" 2,996
 Net rounding up 1,908
 Total per summary page \$26,750,000

NOTES:

^A Includes \$32,827.67 of Undefined Escalation from Invoice Period #1.

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