

Client : 100  
 Report Name: ZREP\_CHARGE\_ORDER\_103  
 Requester : BROUSSE

Change Order Log Report

System: BOD  
 07/26/2010 09:16:3  
 Page: 1

PO No. : 5000954  
 Tracking No. : EN072203P  
 Vendor No. : 6001265

Original Value: 228,474,000.00  
 Approved Value: 230,698,696.98  
 Current Value : 230,698,696.98

Change Number	Text	Value	Initiator	Date	File Letter	CR #	Board Approval	Status	Approver	Seq. No.	Change Number	Object Class
0001	Use Dependent Couplings in Lieu of Field Welding Joints	19,564.99	INC	07/01/2009	00198	007	X	Approved	USDALC	0001	3507408	ENGINEERS
0002	Remove Additional Spill in Laggon 9	122,296.88	INC	07/01/2009	00179	002	X	Approved	USDALC	0001	3507409	ENGINEERS
0003	Overhead Steam Line Pier No. 17 Rerouting	2,776.59	DEC	07/08/2009	00659	004		Approved	USDALC	0001	3507409	ENGINEERS
0004	Revisions to the Design of the Air Release Valve Vault	4,307.15	INC	08/10/2009	0607	005		Approved	USDALC	0002	3514522	ENGINEERS
0005	Power Correction at the New East Gate at CRP	42,092.88	INC	09/08/2009	0709	020	X	Approved	USDALC	0003	3544925	ENGINEERS
0006	Use of Cr-7 Backfill Material in Lieu of Cr-6 Backfill	7,683.55	DEC	09/22/2009	0708	032	X	Approved	USDALC	0004	3574075	ENGINEERS
0007	Install Revised Temporary Roadway at the East Gate House	16,805.34	INC	09/22/2009	0609	009	X	Approved	USDALC	0005	3588643	ENGINEERS
0008	Reinforcement of Electrical & Mechanical Room Slab	11,250.03	INC	09/22/2009	0636	016	X	Approved	USDALC	0005	3588644	ENGINEERS
0009	Install 8 Micropiles in Place of 8 Auger Piles	73,000.00	INC	09/22/2009	0734	018	X	Approved	USDALC	0005	3588644	ENGINEERS
0010	Drill 9 Tie-Backs at a Steeper Angle of Inclination	10,960.44	INC	09/22/2009	0650	030	X	Approved	USDALC	0005	3588643	ENGINEERS
0011	Revise Beams and the Lower Openings in the Gate Bldg	2,517.22	INC	09/22/2009	0789	023		Approved	USDALC	0005	3588644	ENGINEERS
0012	Revise Floor Opening in Gate Building	7,928.16	INC	10/01/2009	0812	012		Approved	USDALC	0006	3599632	ENGINEERS
0013	Remove & Replace Guarding Cable	2,532.36	INC	10/16/2009	0878	018		Approved	USDALC	0006	3599633	ENGINEERS
0014	Provide Additional Expansion Joint in Tunnel A	6,603.74	INC	10/21/2009	0901	021		Approved	USDALC	0007	3632940	ENGINEERS
0015	Underlab drain piping span on B9-214 and B9-215	3,819.88	INC	11/13/2009	0982	021		Approved	USDALC	0008	3637272	ENGINEERS
0016	Revise the Design of a Section of Hase 2 Paving Area	3,783.47	INC	11/17/2009	1002	057		Approved	USDALC	0009	3651576	ENGINEERS
0017	Remove & Dispose of Unknown Existing Buried Spread Footings	5,049.05	INC	11/17/2009	1008	069		Approved	USDALC	0010	3665723	ENGINEERS
										0010	3665724	ENGINEERS

Order #	Description	Estimate #	Estimate Date	Estimate Type	Estimate Status	Estimate Amount	Estimate Unit	Estimate Date	Estimate Description	Estimate Status	Estimate Amount	Estimate Unit	Estimate Date	Estimate Description	Estimate Status	Estimate Amount	Estimate Unit	Estimate Date	Estimate Description
0018	Revise Whiting from HUBS Pullen REUDA	447.72	INC	MCQUIREC	11/17/2009	1012	061		Approved	UNREMOVED	0010	366723	ENGINEERS	0015	3737458	ENGINEERS	0016	3741962	ENGINEERS
0019	Revise the Design of a Beam Supporting Overhead Steam Line	5,394.40	INC	MCQUIREC	11/17/2009	1019	060		Approved	UNREMOVED	0010	3665724	ENGINEERS	0015	3737458	ENGINEERS	0016	3742003	ENGINEERS
0020	Provide an Alternate Fire Hydrant Location	5,036.83	INC	MCQUIREC	11/17/2009	1025	071		Approved	UNREMOVED	0010	3665723	ENGINEERS	0015	3737459	ENGINEERS	0016	3741962	ENGINEERS
0021	Remove Concrete Obstruction	9,112.37	INC	MCQUIREC	11/17/2009	1032	074		Approved	UNREMOVED	0010	3665724	ENGINEERS	0015	3737459	ENGINEERS	0016	3742003	ENGINEERS
0022	Gas Service Line Repair at Station 19-00	6,008.12	INC	MCQUIREC	12/03/2009	1041	079		Approved	UNREMOVED	0011	3681269	ENGINEERS	0012	3701827	ENGINEERS	0016	3742003	ENGINEERS
0023	Provide Slanted Slab on PWS Sludge Box	7,666.37	INC	MCQUIREC	12/22/2009	1118	047		Approved	UNREMOVED	0012	3701825	ENGINEERS	0012	3701827	ENGINEERS	0016	3741962	ENGINEERS
0024	Add Lowers to JUS & Electrical Rooms in Gdr Building	7,947.59	INC	MCQUIREC	12/23/2009	1145	043		Approved	UNREMOVED	0013	3704110	ENGINEERS	0013	3704131	ENGINEERS	0016	3741962	ENGINEERS
0025	Modify Access Slab Gate at East Gate House	1,759.37	INC	MCQUIREC	12/23/2009	1140	091		Approved	UNREMOVED	0013	3704110	ENGINEERS	0013	3704131	ENGINEERS	0016	3741962	ENGINEERS
0026	Remove and Dispose 2 Field Identified 12" Storm Sewers	3,005.07	INC	MCQUIREC	12/23/2009	1132	076		Approved	UNREMOVED	0013	3704110	ENGINEERS	0013	3704131	ENGINEERS	0016	3741962	ENGINEERS
0027	Revise Top Slab Opening in Diversion Chamber 2	5,920.35	INC	MCQUIREC	01/05/2010	1151	050		Approved	UNREMOVED	0014	3708979	ENGINEERS	0014	3708980	ENGINEERS	0016	3741962	ENGINEERS
0028	Revise Requirements for Overhead Steam Line Pier Support	3,846.40	INC	MCQUIREC	01/05/2010	1158	064		Approved	UNREMOVED	0014	3708979	ENGINEERS	0014	3708980	ENGINEERS	0016	3741962	ENGINEERS
0029	Revise Installation of Electric Water Heaters	9,752.91	DEC	MCQUIREC	02/01/2010	0871	027	X	Approved	UNREMOVED	0015	3737458	ENGINEERS	0015	3737459	ENGINEERS	0016	3741962	ENGINEERS
0030	Revise Low Voltage Switchgear	6,920.60	INC	MCQUIREC	02/01/2010	0735	024	X	Approved	UNREMOVED	0015	3737458	ENGINEERS	0015	3737459	ENGINEERS	0016	3741962	ENGINEERS
0031	Revise Design of Portable Water Main	3,383.45	INC	MCQUIREC	02/01/2010	0840	011	X	Approved	UNREMOVED	0015	3737458	ENGINEERS	0015	3737459	ENGINEERS	0016	3741962	ENGINEERS
0032	Provide Expansion Joints in Concrete Effluent Conduit	12,433.76	INC	MCQUIREC	02/01/2010	0896	026	X	Approved	UNREMOVED	0015	3737458	ENGINEERS	0015	3737459	ENGINEERS	0016	3741962	ENGINEERS
0033	Put Additional Stone for Best Gate House Pavement	3,136.55	INC	MCQUIREC	02/01/2010	1181	038		Approved	UNREMOVED	0015	3737458	ENGINEERS	0015	3737459	ENGINEERS	0016	3741962	ENGINEERS
0034	Provide Steam Trap in Overhead Steam & Condensate Piping Sys	5,466.84	INC	MCQUIREC	02/01/2010	1165	053		Approved	UNREMOVED	0015	3737458	ENGINEERS	0015	3737459	ENGINEERS	0016	3741962	ENGINEERS
0035	Partial Demo of 2 Existing Unused Buried Settling Tanks	3,096.44	DEC	MCQUIREC	02/05/2010	1189	051		Approved	UNREMOVED	0016	3741962	ENGINEERS	0016	3742003	ENGINEERS	0016	3742003	ENGINEERS
0036	Change Size of Electrical Venthole Frames & Covers	44,519.30	INC	MCQUIREC	02/05/2010	0919	041	X	Approved	UNREMOVED	0016	3741962	ENGINEERS	0016	3742003	ENGINEERS	0016	3742003	ENGINEERS
0037	Revise Design of Drainage Culvert at East Gate House	62,962.85	INC	MCQUIREC	02/05/2010	0925	017	X	Approved	UNREMOVED	0016	3741962	ENGINEERS	0016	3742003	ENGINEERS	0016	3742003	ENGINEERS

Change Order Log Report

0038	Revise Design of Drainage at Proposed East Gate House Ent	10,938.75	INC	REQUIRED	02/05/2010	0932	019	X	Approved	USNEMBERU	0016	3741962	ENGINEERS
0039	Reinforcement Repair in Concrete Communication Duct Bank	37,529.59	INC	REQUIRED	02/05/2010	0936	055	X	Approved	USNEMBERU	0016	3742003	M_SERVICE
0040	Revise Grading & Storm Sewer Routing at East Gate House	82,023.74	INC	REQUIRED	02/09/2010	1022	036	X	Approved	USNEMBERU	0016	3742003	M_SERVICE
0041	Revise Racks of Tunnel Access Pump Stations 1, 2, 3 & 4	19,278.46	INC	REQUIRED	02/09/2010	1060	054	X	Approved	USNEMBERU	0017	3744617	ENGINEERS
0042	Revise Design of Section of Roadway Near East Gate House	14,714.98	INC	REQUIRED	02/09/2010	0939	057	X	Approved	USNEMBERU	0017	3744617	M_SERVICE
0043	Add Work Required During Installation of Ramp BRS	10,147.50	INC	REQUIRED	02/09/2010	1030	073	X	Approved	USNEMBERU	0017	3744618	M_SERVICE
0044	Revise Method of Tunnel & Pitway Settling Tank Foundation	123,444.24	DEC	REQUIRED	03/01/2010	0944	005	X	Approved	USPULAC	0017	3744617	ENGINEERS
0045	Install Tracer Wire & Warning Tape	25,815.97	INC	REQUIRED	03/01/2010	1087	025	X	Approved	USPULAC	0018	3759088	M_SERVICE
0046	Change Motor Control Center Recess Cabinet Sizes	48,040.43	INC	REQUIRED	03/01/2010	1105	014	X	Approved	USPULAC	0018	3759089	ENGINEERS
0047	Excavation & Disposal of Additional Material	10,993.02	INC	REQUIRED	03/01/2010	1079	063	X	Approved	USPULAC	0018	3759088	M_SERVICE
0048	Revise Racks at Tunnel A & West Tunnel Access Structures	2,300.83	INC	REQUIRED	03/01/2010	1276	093		Approved	USPULAC	0018	3759088	ENGINEERS
0049	Provide Slide Verification to Lower L-07A & Isolation Damper	1,006.17	INC	REQUIRED	03/01/2010	1278	099		Approved	USPULAC	0018	3759089	M_SERVICE
0050	Repair 4" Water Service	7,623.08	INC	REQUIRED	03/01/2010	1281	106		Approved	USPULAC	0018	3759088	ENGINEERS
0051	Remove & Dispose Portions of Existing Concrete Vault	1,873.25	INC	REQUIRED	03/01/2010	1286	085		Approved	USPULAC	0018	3759089	M_SERVICE
0052	Remove & Dispose Portions of Existing Concrete Structure	5,305.91	INC	REQUIRED	03/01/2010	1300	108		Approved	USPULAC	0018	3759089	M_SERVICE
0053	Cover Openings Around Slide Gates & Stop Logs	11,754.29	INC	REQUIRED	03/05/2010	1172	015	X	Approved	USPULAC	0019	3759088	ENGINEERS
0054	Relocate Heat Pump Units Serving East Gate House	11,334.42	INC	REQUIRED	03/05/2010	1152	040	X	Approved	USPULAC	0019	3763492	ENGINEERS
0055	Remove Unsuitable Sub-Grade Material	116,377.38	INC	REQUIRED	03/05/2010	1157	095	X	Approved	USPULAC	0019	3763553	M_SERVICE
0056	Remove Unacceptable Sub-Grade Material	56,862.51	INC	REQUIRED	03/05/2010	1136	089	X	Approved	USPULAC	0019	3763492	ENGINEERS
0057	Steam Pipe Penetration Box	3,601.70	INC	REQUIRED	03/19/2010	1366	104		Approved	USNEMBERU	0020	3775288	ENGINEERS
											0020	3775289	M_SERVICE

0068	Water Pipe Elevation	4,427.47	INC	MEASURE	03/18/2010	1367	102		Approved	USPWALC	0020	3775268	ENGINEER
0069	Locations of Remote Motor Starters	132,572.42	DEC	MEASURE	04/06/2010	1243	022	X	Approved	USPWALC	0020	3775269	MM_SERVICE
0060	Change Design Pressure of Process & Effluent Piping Systems	402,464.70	INC	MEASURE	04/06/2010	1279	028	X	Approved	USPWALC	0021	3789452	ENGINEER
0061	West Turral Underlab Plumbing	33,615.47	INC	MEASURE	04/06/2010	1226	044	X	Approved	USPWALC	0021	3789453	MM_SERVICE
0062	Base Gate House Concrete Pavement Joint Configuration	9,835.72	INC	MEASURE	04/06/2010	1156	052	X	Approved	USPWALC	0021	3789452	ENGINEER
0063	Expansion-Deflection Fittings for PVC Coated Conduits	149,830.36	INC	MEASURE	04/06/2010	1287	013	X	Approved	USPWALC	0021	3789453	MM_SERVICE
0064	DCS Control Room Modifications (RPT-449)	30,176.92	INC	MEASURE	04/06/2010	1285	094	X	Approved	USPWALC	0021	3789452	ENGINEER
0065	Temporary Bypass Road Undercut	29,137.98	INC	MEASURE	04/06/2010	1283	058	X	Approved	USPWALC	0021	3789453	MM_SERVICE
0066	Low Voltage Switchgear	38,392.20	INC	MEASURE	04/06/2010	1288	101	X	Approved	USPWALC	0021	3789452	ENGINEER
0067	Fit Additional 5' of Steel Beam	2,135.95	INC	MEASURE	04/12/2010	1274	097		Approved	USPWALC	0021	3789453	MM_SERVICE
0068	Provide A Water Service Connection Along D Street	47,794.28	INC	MEASURE	05/03/2010	1368	065	X	Approved	USPWALC	0022	3792172	ENGINEER
0069	Provide A City Water Service Connection at STA 7+25	27,086.15	INC	MEASURE	05/03/2010	1303	086	X	Approved	USPWALC	0023	3792183	MM_SERVICE
0070	Relocate Water Main Valves & Respective Valve Vaults	16,540.31	INC	MEASURE	05/03/2010	1113	049	X	Approved	USPWALC	0023	3810593	ENGINEER
0071	Revision to the Installation of the Earth Retention System	47,831.30	INC	MEASURE	05/03/2010	1318	084	X	Approved	USPWALC	0023	3810594	MM_SERVICE
0072	Investigate A Suspected Blockage in the Sludge Building	4,559.50	INC	MEASURE	05/03/2010	1456	105		Approved	USPWALC	0023	3810593	ENGINEER
0073	Provide Revisions to MCC 12A/12B Feeding MCC-14A	1,785.30	INC	MEASURE	05/03/2010	1471	115		Approved	USPWALC	0023	3810594	MM_SERVICE
0074	Additional Equip Costs Associated with 12A Crane	15,817.12	INC	MEASURE	05/10/2010	1047	062	X	Approved	USPWALC	0024	3814946	ENGINEER
0075	Remove Existing Pavement & Install Bituminous Pavement Patch	12,352.45	INC	MEASURE	05/10/2010	1127	059	X	Approved	USPWALC	0024	3814947	MM_SERVICE
0076	Add 11 Pavement Removal & Replace to Install Eff Water Lines	121,172.73	INC	MEASURE	05/10/2010	1346	109	X	Approved	USPWALC	0024	3814946	ENGINEER
0077	Revise 12" Reinforced Concrete Pipe Connection	17,327.40	INC	MEASURE	05/10/2010	1378	003	X	Approved	USPWALC	0024	3814947	MM_SERVICE

Change Order Log Report

Order No	Description	Quantity	Unit	Material	Estimate No	Estimate Date	Estimate Value	Estimate Type	Estimate Status	Estimate Description	Estimate Value	Estimate Type	Estimate Status
0078	Revise Walkways Above the Grit Classifiers	1,070.85	INC	MCQUIREC	05/14/2010	1512	113		Approved	UNEMPLOYED	0025	3818368	ENGINEERS
0079	Replace Existing 4" Water Service Line	39,247.36	INC	MCQUIREC	05/26/2010	1385	037	X	Rejected	UNOBTAINABLE	0025	3818369	MM_SERVICE
0080	Lower Elevation of 12" Reinforced Concrete Pipe Connection	27,748.11	INC	MCQUIREC	05/26/2010	1381	001	X	Rejected	UNOBTAINABLE	0026	3827326	ENGINEERS
0081	Provide Modifications to the Best Gate House	13,120.19	INC	MCQUIREC	05/26/2010	1399	032	X	Rejected	UNOBTAINABLE	0026	3827327	MM_SERVICE
0082	Remove & Replace and 8" Non-Portable Water Pipeline	117,969.73	INC	MCQUIREC	05/26/2010	1342	036	X	Rejected	UNOBTAINABLE	0026	3827327	MM_SERVICE
0083	Remove An Existing 4" Water Service Line	39,247.36	INC	MCQUIREC	06/03/2010	1385	037	X	Approved	UNEMPLOYED	0026	3827326	ENGINEERS
0084	Lower Elevation of 12" Reinforced Concrete Pipe Connection	27,748.11	INC	MCQUIREC	06/03/2010	1381	001	X	Approved	UNEMPLOYED	0027	3832617	ENGINEERS
0085	Provide Modifications to Best Gate House	13,120.19	INC	MCQUIREC	06/03/2010	1399	032	X	Approved	UNEMPLOYED	0027	3832618	MM_SERVICE
0086	Remove & Replace an 8" Non-Portable Water Pipeline	117,969.73	INC	MCQUIREC	06/03/2010	1342	036	X	Approved	UNEMPLOYED	0027	3832617	ENGINEERS
0087	Revise Valve Used on Air Diffuser Drop Leg Flange	12,334.74	DEC	MCQUIREC	06/07/2010	1466	038	X	Approved	UNEMPLOYED	0028	3834264	ENGINEERS
0088	Modify Concrete Sidewalks at Reentrances of Tunnel	22,120.68	INC	MCQUIREC	06/07/2010	1473	072	X	Approved	UNEMPLOYED	0028	3834265	MM_SERVICE
0089	Modify Various Drain Lines & Force Mains	40,941.56	INC	MCQUIREC	06/07/2010	1414	088	X	Approved	UNEMPLOYED	0028	3834264	ENGINEERS
0090	Repair Existing Utility Line Damaged	13,526.86	INC	MCQUIREC	06/07/2010	1455	068	X	Approved	UNEMPLOYED	0028	3834265	MM_SERVICE
0091	Install Stainless Steel Curb & Accessories	1,500.69	DEC	MCQUIREC	06/14/2010	1565	123		Approved	UNEMPLOYED	0029	3839929	ENGINEERS
0092	Remove New City Water Line	4,707.60	INC	MCQUIREC	06/14/2010	1542	111		Approved	UNEMPLOYED	0029	3839930	MM_SERVICE
0093	Relief Valves for Sump Pump Discharge Piping	145.20	INC	MCQUIREC	07/06/2010	1609	029		Approved	UNEMPLOYED	0030	3858019	ENGINEERS
0094	Effluent Water Line SRA 4x4 Valve Vaults	53,183.56	INC	MCQUIREC	07/06/2010	1543	075	X	Approved	UNEMPLOYED	0030	3858020	MM_SERVICE
0095	Service Tunnel A Wall Conflict	22,171.08	INC	MCQUIREC	07/06/2010	1527	081	X	Approved	UNEMPLOYED	0030	3858019	ENGINEERS
0096	Gate Building Stair Dividing Wall	26,952.25	INC	MCQUIREC	07/13/2010	1506	056	X	Approved	UNEMPLOYED	0031	3862720	ENGINEERS
0097	Tunnel A Extension Conflict with Water Lines (PRT-433)	24,675.97	INC	MCQUIREC	07/13/2010	1561	078	X	Approved	UNEMPLOYED	0031	3862720	ENGINEERS

Client : 100  
 Report Name: 2011\_CRANE\_ORDER\_LOG  
 Requester : BOSNICE

Change Order Log Report

System HD  
 07/26/2010 09:16:3  
 Page: 6

0098	Sewer Sewer and Gate Tanks Drain Piping Realignment	14,205.24	INC	MEASURE	07/13/2010	1563	010	X	Approved	USPULNC	0031	3962720	EINBERIES
0099	Fiber Optic Between the Gate House and the Certificate	120,444.64	INC	MEASURE	07/13/2010	1459	083	X	Approved	USPULNC	0031	3962721	MM_SERVICE
0100	Effluent Water Connection STA 4+1	2,317.16	DEC	MEASURE	07/15/2010	1649	087		Approved	USWELPUBJ	0032	3963174	EINBERIES
											0032	3965175	MM_SERVICE