

Change Order Log Report

Client : 100
 PO No. : 5000309
 Tracking No. : EN004294M
 Requester : ORRINGTONS

System: ERD
 03/01/2010 15:14:2
 Page: 1

Original Value: 57,126,700.00
 Approved Value: 60,409,059.22
 Current Value : 60,409,059.22

| Change Number | Text | Value | Initiator | Date | File Letter | CR # | Board Approval | Status | Approver | Sq. No. | Charge Number | Object Class |
|---------------|--|----------------|-----------|------------|-------------|------|----------------|----------|------------|---------|---------------|------------------------|
| 0001 | Clean downstream side E wet well | 25,202.45 INC | FOROSR | 09/14/2005 | 0158 | 001 | X | Approved | USPMLC | 0001 | 2091189 | EINKEELES M_SERVICE |
| 0002 | Relocate fiber optic conduit | 9,966.10 INC | FOROSR | 10/07/2005 | 0199 | 003 | | Approved | USNELEBURJ | 0001 | 2091190 | EINKEELES M_SERVICE |
| 0003 | CRP TRP WVA transformer replacement | 366,943.57 INC | FOROSR | 11/28/2005 | 0246 | 002 | X | Approved | USPMLC | 0002 | 2109535 | EINKEELES M_SERVICE |
| 0004 | AUT security syst powder bunker | 7,925.41 INC | FOROSR | 11/29/2005 | 0270 | 009 | | Approved | USNELEBURJ | 0003 | 2153375 | EINKEELES M_SERVICE |
| 0005 | Relocate utilities out of TRP electrical rooms | 18,794.52 INC | FOROSR | 04/07/2006 | 0245 | 005 | X | Approved | USPMLC | 0004 | 2155215 | EINKEELES M_SERVICE |
| 0006 | New AFFF from tank | 62,452.65 INC | FOROSR | 04/07/2006 | 0287 | 006 | X | Approved | USPMLC | 0005 | 2284032 | EINKEELES M_SERVICE |
| 0007 | Underground 3" HWS & R piping | 18,415.51 INC | FOROSR | 05/02/2006 | 0276 | 007 | X | Approved | USPMLC | 0005 | 2284033 | EINKEELES M_SERVICE |
| 0008 | Reroute ductbanks out E well R4159 | 61,357.82 INC | FOROSR | 05/02/2006 | 0303 | 008 | X | Approved | USPMLC | 0006 | 2300949 | EINKEELES M_SERVICE |
| 0009 | Pump pouring E pump room energy disenergizing pump base slab | 39,274.39 INC | FOROSR | 08/01/2006 | 0401 | 010 | X | Approved | USPMLC | 0006 | 2300950 | EINKEELES M_SERVICE |
| 0010 | Loss production & damaged cathodic protection while drillin | 11,694.30 INC | FOROSR | 09/11/2006 | 0429 | 004 | X | Approved | USPMLC | 0006 | 2300950 | EINKEELES M_SERVICE |
| 0011 | Grinding 72MD pumps to fit seals | 4,942.32 INC | FOROSR | 09/11/2006 | 0436 | 020 | X | Approved | USPMLC | 0007 | 2373246 | EINKEELES M_SERVICE |
| 0012 | Inte oil for 72MD pumps, motors | 3,304.96 INC | FOROSR | 09/11/2006 | 0435 | 019 | X | Approved | USPMLC | 0007 | 2373267 | EINKEELES M_SERVICE |
| 0013 | Install shaft erectors on Ideal elec motors | 43,560.00 INC | FOROSR | 09/11/2006 | 0441 | 018 | X | Approved | USPMLC | 0008 | 2410715 | EINKEELES M_SERVICE |
| 0014 | Pump & motor pad removal | 59,590.34 INC | FOROSR | 09/11/2006 | 0369 | 011 | X | Approved | USPMLC | 0008 | 2410716 | EINKEELES M_SERVICE |
| 0015 | Change utility shaft drainage piping | 2,516.00 DEC | FOROSR | 11/01/2006 | 0475 | 022 | X | Approved | USPMLC | 0008 | 2410715 | EINKEELES M_SERVICE |
| 0016 | Proximity switches | 127,400.00 INC | FOROSR | 11/01/2006 | 0472 | 017 | X | Approved | USPMLC | 0008 | 2410716 | EINKEELES M_SERVICE |
| 0017 | Work for startup of 72 MD pumps | 29,656.04 INC | FOROSR | 11/13/2006 | 0487 | 023 | X | Approved | USPMLC | 0009 | 2467385 | EINKEELES M_SERVICE |
| | | | | | | | | | | 0009 | 2467386 | EINKEELES M_SERVICE |
| | | | | | | | | | | 0009 | 2467386 | EINKEELES M_SERVICE |
| | | | | | | | | | | 0010 | 2528564 | EINKEELES M_SERVICE |
| | | | | | | | | | | 0010 | 2528565 | EINKEELES M_SERVICE |

Change Order Log Report

Client : 100
 Report Name: ZREP_CHANGE_ORDER_LOG
 Requestor : CARROLLINGTON

| Order # | Description | Quantity | Unit | Estimate # | Estimate Date | Estimate Description | Estimate Status | Estimate Type | Estimate Code | Estimate Description | Estimate Code | Estimate Description | Estimate Code |
|---------|---|------------|------|------------|---------------|----------------------|-----------------|---------------|---------------|----------------------|---------------|----------------------|---------------|
| 0018 | Add'l credit, wiring for emergency dewatering pumps | 18,426.71 | INC | FORMOSR | 11/13/2006 | 0492 | X | 027 | 0492 | USPMLC | 0010 | EINKEBLEG | 2526564 |
| 0019 | Clean downstream of bar screens E wet well | 22,084.08 | INC | FORMOSR | 11/20/2006 | 0495 | X | 025 | 0495 | USNELEPERU | 0010 | MM_SERVICE | 2526565 |
| 0020 | Re-pulling wiring to EFP valves & temp power to W switchgear | 8,512.50 | INC | FORMOSR | 11/28/2006 | 0523 | | 031 | 0523 | USNELEPERU | 0011 | EINKEBLEG | 2536484 |
| 0021 | Steel panels on 60"hilltop valve stem openings | 2,287.16 | INC | FORMOSR | 12/12/2006 | 0528 | | 032 | 0528 | USNELEPERU | 0012 | MM_SERVICE | 2536485 |
| 0022 | Start-up new 72 MGD Pumps | 4,326.86 | INC | FORMOSR | 12/13/2006 | 0530 | | 029 | 0530 | USNELEPERU | 0013 | EINKEBLEG | 2543910 |
| 0023 | Temp Asphalt Road | 49,657.55 | INC | FORMOSR | 12/28/2006 | 0513 | X | 028 | 0513 | USNELEPERU | 0012 | MM_SERVICE | 2543911 |
| 0024 | Bolts for valve / Flume corrs | 2,762.76 | INC | FORMOSR | 01/11/2007 | 0538 | | 033 | 0538 | USPMLC | 0013 | EINKEBLEG | 2560522 |
| 0025 | Install 2 temp 16"x14" spool pieces for emergency dewatering | 9,642.51 | INC | FORMOSR | 01/29/2007 | 0549 | | 034 | 0549 | USNELEPERU | 0016 | MM_SERVICE | 2560523 |
| 0026 | Add'l elevator steps: WERAS | 282,739.00 | INC | FORMOSR | 04/10/2007 | 0536 | X | 015 | 0536 | USNELEPERU | 0014 | EINKEBLEG | 2606843 |
| 0027 | Install & reassemble 72MGD pumps in East pump room | 25,564.13 | INC | FORMOSR | 04/10/2007 | 0579 | X | 016 | 0579 | USPMLC | 0014 | MM_SERVICE | 2606844 |
| 0028 | Relocate pipe, insulation for BK-1 | 4,221.50 | DEC | FORMOSR | 04/26/2007 | 0615 | | 026 | 0615 | USNELEPERU | 0017 | EINKEBLEG | 2667586 |
| 0029 | DEC - Casing in Tunnel Access Shaft | 2,587.47 | INC | FORMOSR | 05/11/2007 | 0611 | | 012 | 0611 | USPMLC | 0018 | MM_SERVICE | 2667587 |
| 0030 | Install box tunnel in lieu of pipe jacking a steel casing re | 33,002.38 | INC | FORMOSR | 05/22/2007 | 0615 | X | 038 | 0615 | USNELEPERU | 0018 | EINKEBLEG | 2667587 |
| 0031 | Replace self-pneum fittings on emergency dewatering pumps | 47,756.50 | INC | FORMOSR | 05/30/2007 | 0605 | X | 039 | 0605 | USNELEPERU | 0019 | MM_SERVICE | 2682615 |
| 0032 | Remove section steam line for obstructive testing | 5,500.00 | INC | FORMOSR | 06/01/2007 | 0643 | | 044 | 0643 | USNELEPERU | 0019 | EINKEBLEG | 2682616 |
| 0033 | Prep punching w pump room emergency dewatering pump base slab | 102,425.84 | INC | FORMOSR | 07/17/2007 | 0639 | X | 030 | 0639 | USPMLC | 0020 | MM_SERVICE | 2695277 |
| 0034 | Add'l work WERAS Rudy Util | 10,896.46 | INC | FORMOSR | 08/13/2007 | 0636 | X | 040 | 0636 | USPMLC | 0020 | EINKEBLEG | 2695278 |
| 0035 | Rehabilitate wet shaft bar screens | 99,708.44 | INC | FORMOSR | 08/13/2007 | 0660 | X | 046 | 0660 | USPMLC | 0021 | MM_SERVICE | 2745010 |
| 0036 | Flex fittings on EFP valve actuators | 5,751.33 | INC | FORMOSR | 08/30/2007 | 0682 | | 050 | 0682 | USNELEPERU | 0021 | EINKEBLEG | 2745011 |
| 0037 | Replace starters : mezzanine fans | 59,186.28 | INC | FORMOSR | 09/17/2007 | 0665 | X | 042 | 0665 | USPMLC | 0022 | MM_SERVICE | 2749925 |

Change Order Log Report

| Change Order ID | Description | Amount | Inc/Ex | Start Date | End Date | Status | Unit | Estimate No. | Estimate Item | Estimate Description | Estimate Status | Estimate Unit | Estimate Amount | Estimate Item | Estimate Description | Estimate Status | Estimate Unit | Estimate Amount |
|-----------------|---|------------|--------|------------|----------|--------|-------------|--------------|---------------|----------------------|-----------------|---------------|-----------------|---------------|----------------------|-----------------|---------------|-----------------|
| 0038 | Fabricate, install ss ductwork fittings | 4,408.78 | INC | 10/15/2007 | | 0695 | FOROSAR | 0695 | | | Approved | USPDMC | 2862250 | EINKELEG | | | | |
| 0039 | Install valve access pits in valve chamber | 64,290.35 | INC | 11/07/2007 | | 0689 | FOROSAR | 0689 | X | | Approved | USPDMC | 2862251 | M1_SERVICE | | | | |
| 0040 | Elec work E Pump Room | 12,405.58 | INC | 12/11/2007 | | 0507 | FOROSAR | 0507 | X | | Approved | USPDMC | 2904140 | EINKELEG | | | | |
| 0041 | Install 2 ventilation control cabinets & air filter racks | 110,577.54 | INC | 12/31/2007 | | 0722 | FOROSAR | 0722 | X | | Approved | USPDMC | 2904141 | M1_SERVICE | | | | |
| 0042 | Clean w bifurcation gallery | 112,476.55 | INC | 01/28/2008 | | 0715 | FOROSAR | 0715 | X | | Approved | USPDMC | 2932710 | EINKELEG | | | | |
| 0043 | Disassemble & reinstall Orbitax Valves in w bifurcation gallery | 50,550.89 | INC | 01/28/2008 | | 0718 | FOROSAR | 0718 | X | | Approved | USPDMC | 2932711 | M1_SERVICE | | | | |
| 0044 | Clean e bifurcation gallery | 55,334.70 | INC | 01/28/2008 | | 0720 | FOROSAR | 0720 | X | | Approved | USPDMC | 2947737 | EINKELEG | | | | |
| 0045 | Clean conduit to West pump room | 17,072.11 | INC | 02/25/2008 | | 0759 | FOROSAR | 0759 | X | | Approved | USPDMC | 2947738 | M1_SERVICE | | | | |
| 0046 | Extra, clean out Z1' tunnel upstream of bifurcation structure | 83,490.23 | INC | 03/17/2008 | | 751 | BOXKUN | 751 | | | Rejected | USPDMC | 2975368 | EINKELEG | | | | |
| 0047 | Clean out Z1' tunnel upstream of bifurcation structure | 83,490.23 | INC | 03/17/2008 | | 751 | BOXKUN | 751 | X | | Approved | USPDMC | 2975369 | M1_SERVICE | | | | |
| 0048 | Start-up of the West Pump Room | 48,821.65 | INC | 03/21/2008 | | 0760 | FUTZERWORKS | 0760 | X | | Approved | USPDMC | 3000194 | EINKELEG | | | | |
| 0049 | BRUNING OF OGV WALLS IN HDG 58 AT ELECTRICAL ROOMS | 8,745.00 | INC | 04/14/2008 | | 783 | BOXKUN | 783 | | | Rejected | USPDMC | 3000195 | M1_SERVICE | | | | |
| 0050 | Painting of the OGV walls in building #58 | 8,745.00 | INC | 04/14/2008 | | 0763 | FUTZERWORKS | 0763 | X | | Approved | USPDMC | 3015748 | EINKELEG | | | | |
| 0051 | Extra work-Cleanup of east bifurcation gallery | 3,330.77 | INC | 05/06/2008 | | 796 | BOXKUN | 796 | | | Approved | USPDMC | 3015749 | M1_SERVICE | | | | |
| 0052 | Install 8 Hold-down Bolts Hydraulic Ideal Elec Motors Pump Rn | 37,344.95 | INC | 06/13/2008 | | 0792 | MCQUIRE | 0792 | X | | Approved | USPDMC | 3030673 | EINKELEG | | | | |
| 0053 | Install Control Devices for the Solitigear Breakers | 108,904.08 | INC | 06/25/2008 | | 0815 | MCQUIRE | 0815 | X | | Rejected | USPDMC | 3030674 | M1_SERVICE | | | | |
| 0054 | Install Control Devices for the Solitigear Breakers | 108,904.08 | INC | 06/30/2008 | | 0815 | MCQUIRE | 0815 | X | | Approved | USPDMC | 3043035 | EINKELEG | | | | |
| 0055 | Delete the Access Tunnel Enclosure Plate | 3,343.00 | DEC | 08/26/2008 | | 0849 | MCQUIRE | 0849 | | | Approved | USPDMC | 3043036 | M1_SERVICE | | | | |
| 0056 | Install 1 1/2" Copper Water Main from Water Line 'A' to 5' | 14,027.50 | INC | 09/29/2008 | | 0805 | MCQUIRE | 0805 | X | | Approved | USPDMC | 3043219 | EINKELEG | | | | |
| 0057 | Relocate & Modify Sump Pump & Modify Sump Pit | 28,628.84 | INC | 09/29/2008 | | 0855 | MCQUIRE | 0855 | X | | Approved | USPDMC | 3043220 | M1_SERVICE | | | | |

Change Order Log Report

| Order No | Description | Quantity | Unit | Start Date | End Date | Approved | Unit Price | Total Price | Order No | Unit Price | Total Price |
|----------|--|------------|------|------------|----------|----------|------------|-------------|----------|------------|-------------|
| 0058 | Delete Restoration Work Due to Overlapping of Projects | 92,831.00 | DEC | 09/29/2008 | 08/71 | X | 086 | | 0044 | 3191554 | 3191554 |
| 0059 | Bulkheading & Filling of Voids in Valve Chamber | 11,450.98 | INC | 10/27/2008 | 0872 | X | 063 | | 0044 | 3191555 | 3191555 |
| 0060 | New Design of Valve Chamber Surp Pit | 16,017.10 | INC | 11/12/2008 | 0907 | X | 072 | | 0045 | 3224258 | 3224258 |
| 0061 | Incorporate Exhaust Dampers in Elec Rm into RM-200 Fire Sapp | 25,371.41 | INC | 11/12/2008 | 0898 | X | 070 | | 0046 | 3239398 | 3239398 |
| 0062 | Install Orbitrox Valves Using Chain Hoists & Lift Ings | 51,370.43 | INC | 11/12/2008 | 0889 | X | 069 | | 0046 | 3239429 | 3239429 |
| 0063 | Re-alignment of MP4-2 | 4,993.24 | INC | 12/09/2008 | 0924 | | 077 | | 0046 | 3239398 | 3239398 |
| 0064 | Replace W-3 & P-2 Impellers | 274,372.83 | INC | 12/30/2008 | 0933 | X | 076 | | 0047 | 3265582 | 3265582 |
| 0065 | Emergency Response Testing, Vibration & Position Monitoring | 26,178.65 | INC | 12/30/2008 | 0935 | X | 079 | | 0048 | 3282760 | 3282760 |
| 0066 | Install 8" Water Main Using Ductream Insulation | 9,984.31 | INC | 01/06/2009 | 0938 | | 080 | | 0048 | 3282761 | 3282761 |
| 0067 | Additional Modifications to Existing TRAP Elevator | 46,811.53 | INC | 04/06/2009 | 0956 | X | 078 | | 0049 | 3286566 | 3286566 |
| 0068 | Add Piping & Fittings for 72 MGRamps Oil Tube Systems | 9,025.78 | INC | 04/20/2009 | 0972 | | 088 | | 0050 | 3418657 | 3418657 |
| 0069 | Install Ladder Up and Elevator Shaft Light | 3,562.67 | INC | 05/04/2009 | 0970 | | 087 | | 0051 | 3441574 | 3441574 |
| 0070 | Refinish Three Cresterton Model 221 Mechanical Seals | 28,858.50 | INC | 05/18/2009 | 0965 | X | 090 | | 0052 | 3456121 | 3456121 |
| 0071 | Additional Insulation Installed to Cover the Mezzanine Rans | 13,750.00 | INC | 06/01/2009 | 0951 | X | 086 | | 0053 | 3468501 | 3468501 |
| 0072 | Assist CIL w/Non-Destructive Concrete Testing & Core Samples | 714.61 | INC | 06/04/2009 | 0892 | | 067 | | 0054 | 3479210 | 3479210 |
| 0073 | Delete 18" SW Line Relocation/West Rmp Rn Access Shaft | 5,677.73 | DEC | 07/13/2009 | 0927 | X | 068 | | 0055 | 3483221 | 3483221 |
| 0074 | Loss of Prod due to TRAP MFO Inability to Pump Tunnel Water | 21,156.18 | INC | 07/13/2009 | 0963 | X | 082 | | 0056 | 3520273 | 3520273 |
| 0075 | West Rmp Room Access Shaft Traction Elevator | 41,465.21 | INC | 07/13/2009 | 0858 | X | 061 | | 0056 | 3520274 | 3520274 |
| 0076 | Reroute Partially Installed Hot Wat Supply & Return Piping | 71,482.75 | INC | 07/13/2009 | 0988 | X | 094 | | 0056 | 3520273 | 3520273 |
| 0077 | Repeated Removal & Install Rmp Cover & Repair Outboard | 7,930.21 | INC | 09/22/2009 | 1008 | | 089 | | 0057 | 3588749 | 3588749 |

Change Order Log Report

Client : 100
 Report Name: ZRPT CHANGE_ORDER_LOG
 Requester : CHANGINGONE

| 0078 | Test the Chimnox Valves | 22,141.40 | INC | MCQUREC | 10/22/2009 | 1014 | 091 | X | Approved | UNDEBAURU | 0058 3638609 0058 3638610 | ENKGELES MM_SERVICE |
|------|--|------------|-----|---------|------------|------|-----|---|----------|-----------|------------------------------------|------------------------|
| 0079 | Fit 2 New Counterweight Oil Buffers | 11,805.00 | INC | MCQUREC | 10/22/2009 | 1003 | 097 | X | Approved | UNDEBAURU | 0058 3638609 0058 3638610 | ENKGELES MM_SERVICE |
| 0080 | Furnish & Install Misc Metals in Rwp Rooms & West Shaft | 51,337.96 | INC | MCQUREC | 11/19/2009 | 1016 | 099 | X | Approved | USPFLXC | 0059 3668418 0059 3668419 | ENKGELES MM_SERVICE |
| 0081 | Integrate Four Erroobers with Variable Frequency Drives | 117,649.24 | INC | MCQUREC | 11/19/2009 | 1007 | 098 | X | Approved | USPFLXC | 0059 3668418 0059 3668419 | ENKGELES MM_SERVICE |
| 0082 | Fit SS Sheet Metal in Valve Chamber | 14,850.86 | INC | MCQUREC | 12/23/2009 | 1033 | 100 | X | Approved | USPFLXC | 0060 3703927 0060 3703928 | ENKGELES MM_SERVICE |
| 0083 | Install PVC Coated Conduit in Existing TRRP Elevator Shaft | 4,432.72 | INC | MCQUREC | 12/23/2009 | 0989 | 092 | X | Approved | USPFLXC | 0060 3703927 0060 3703928 | ENKGELES MM_SERVICE |
| 0084 | Fit New Relays in Chimnox RTU to Match Robinson IDS | 2,219.82 | INC | MCQUREC | 01/11/2010 | 1034 | 102 | | Approved | UNDEBAURU | 0061 3716625 0061 3716626 | ENKGELES MM_SERVICE |
| 0085 | Fit Insulation on West Shaft Supply/Exhaust Pans | 8,470.00 | INC | MCQUREC | 02/01/2010 | 1055 | 101 | | Approved | UNDEBAURU | 0062 3737293 0062 3737294 | ENKGELES MM_SERVICE |