



TABLE OF CONTENTS

PROJECT SPECIFICATIONS		
FRONT END DOCUMENTS		
SECTION	TITLE	ISSUE DATE
	Request for Proposal	
	Instructions to Proposers	
	Construction Contract	
	Contractor's Performance and Payment Bond	
APPENDIX	TITLE	ISSUE DATE
1	Contractor's Proposal Form	09 Apr 10
2	Contractor's Construction Schedule	With Bid
TECHNICAL SPECIFICATIONS		
SECTION	TITLE	ISSUE DATE
01010	SUMMARY OF WORK	09 Apr 10
01100	INSTALLATION REQUIREMENTS FOR CONTRACTOR EMPLOYEES	09 Apr 10
01330	SUBMITTAL REQUIREMENTS	09 Apr 10
01520	TEMPORARY CONSTRUCTION FACILITIES AND CONTROLS	09 Apr 10
01570	STORM WATER POLLUTION PREVENTION MEASURES	09 Apr 10
01577	RADIOACTIVE MATERIALS PROCEDURES	09 Apr 10
01780	CLOSEOUT SUBMITTALS	09 Apr 10
02080	ASBESTOS HAZARD CONTROL ACTIVITIES	09 Apr 10
02085	LEAD IN CONSTRUCTION	09 Apr 10
02100	FIELD SCREEN TESTING OF SOILS FOR POL CONTAMINATION	09 Apr 10
02200	EARTHWORK	09 Apr 10
02500	RESTORATION OF SURFACE CONDITIONS	09 Apr 10
02560	BITUMINOUS WATERPROOFING / INSULATION	09 Apr 10
02920	TOPSOIL AND SEEDING	09 Apr 10
03300	CAST-IN-PLACE CONCRETE	09 Apr 10
03410	PRECAST CONCRETE	09 Apr 10
05550	MISCELLANEOUS METAL FABRICATION	09 Apr 10
07920	JOINT SEALANT	09 Apr 10
15010	BASIC MECHANICAL REQUIREMENTS	09 Apr 10
15092	PIPE PENETRATIONS, SLEEVES AND PLATES	09 Apr 10
15094	PIPE HANGERS AND SUPPORTS – UTILIDOR	09 Apr 10
15095	SEISMIC RESTRIANT FOR MECHANICAL SUPPORTS	09 Apr 10
15250	HEAT DISTRIBUTION SYSTEM INSULATION – UTILIDOR	09 Apr 10



PROJECT SPECIFICATIONS

TECHNICAL SPECIFICATIONS

SECTION	TITLE	ISSUE DATE
15408	WATER DISTRIBUTION SYSTEM PIPING	09 Apr 10
15417	PIPE IDENTIFICATION – UTILIDOR	09 Apr 10
15418	WATER DISTRIBUTION SYSTEM INSULATION – UTILIDOR	09 Apr 10
15510	DIRECT BURIED HEAT DISTRIBUTION PIPING INSTALLATION	09 Apr 10
15511	HEAT DISTRIBUTION SYSTEM PIPING – UTILIDOR	09 Apr 10
15950	INSTRUMENTS AND FIELD DEVICES	09 Apr 10
16010	BASIC ELECTRICAL REQUIREMENTS	09 Apr 10
16060	GROUNDING AND BONDING	09 Apr 10
16070	SUPPORTING DEVICES	09 Apr 10
16075	ELECTRICAL IDENTIFICATION	09 Apr 10
16095	MINOR ELECTRICAL DEMOLITION	09 Apr 10
16111	CONDUIT	09 Apr 10
16123	BUILDING WIRE AND CABLE	09 Apr 10
16130	BOXES	09 Apr 10
16141	WIRING DEVICES	09 Apr 10
16160	CABINETS AND ENCLOSURES	09 Apr 10
16442	PANELBOARDS	09 Apr 10
16990	ELECTRICAL TESTING	09 Apr 10

ATTACHMENTS

ID LETTER	TITLE	ISSUE DATE
A	Doyon Furnished Material	
A-1	Heat Distribution Piping Material List	09 Apr 10
A-2	Water Distribution Piping Material List	09 Apr 10
A-3	Waste Water Collection Piping Material List	09 Apr 10
A-4	Instrument Tabulation List	09 Apr 10
A-5	Direct Buried Steam and Condensate Piping – Typical Installation Instructions	
A-6	Utilidor Vault Access Hatches – Corix Fabrication Drawings 1 thru 7	09 Apr 10
A-7	Utilidor Vault Access Ladder Safety Post – Acudor TSP-1 Installation Instructions	09 Apr 10
A-8	Control Panels CP-336AM and CP-G693 Drawings	
	<u>DRAWING NO.</u>	<u>TITLE</u>
	PC-336AM.1.1	CP-336AM, PANEL LAYOUT
	PC-336AM.1.2	CP-336AM, BILL OF MATERIALS AND NAMEPLATE SCHEDULE
	PC-336AM.1.3	CP-336AM, DRAWING NOTES AND LEGEND
	PC-336AM.2.1	CP-336AM, POWER DISTRIBUTION WIRING
	PC-G693.1.1	CP-G693, PANEL LAYOUT



PC-G693.1.2	CP-G693, BILL OF MATERIALS
PC-G693.1.3	CP-G693, NOTES, NAMEPLATE AND FUSE SCHEDULES
PC-G693.2.1	CP-G693, POWER DISTRIBUTION WIRING
PC-G693.2.2	CP-G693, POWER DISTRIBUTION WIRING
PC-G693.3.1	CP-G693, MODULES 1 AND 2
PC-G693.3.2	CP-G693, MODULES 3 AND 4
PC-G693.3.3	CP-G693, MODULE 5

PROJECT DRAWINGS		
DRAWING №	TITLE	ISSUE DATE
COVER	Coversheet	
G-01	Site Plan	09 Apr 10
X-01	Symbols, Abbreviations & General Notes	09 Apr 10
X-02	Symbols, Abbreviations & General Notes	09 Apr 10
X-03	Symbols, Abbreviations & General Notes	09 Apr 10
M-01	Existing Vault H6-3-3 Lower Level Plan	09 Apr 10
M-02	Existing Vault H6-3-3 Upper Level Plan	09 Apr 10
M-03	Existing Vault H6-3-3 Adjacent to Bldg 2080	09 Apr 10
M-04	New Vault G6-9-3	09 Apr 10
M-05	Direct-Buried Piping Plan	09 Apr 10
M-06	Schematics & Details	09 Apr 10
E-01	Existing Vault H6-3-3 & Utilidor	09 Apr 10
E-02	Existing Vault H6-3-3 & Utilidor	09 Apr 10
E-03	Existing Vault H6-3-3 & Utilidor	09 Apr 10
E-04	New Vault G6-9-3	09 Apr 10
E-05	Direct-Buried Piping Plan	09 Apr 10
E-06	PP-G693 Panelboard Schedule	09 Apr 10
E-07	Utilidor Service Connection Details	09 Apr 10
E-08	Duct Bank Detail	09 Apr 10
PC-01	Existing Vault H6-3-3 & New Vault G6-9-3	09 Apr 10
PC-02	Existing Vault H6-3-3 & New Vault G6-9-3	09 Apr 10
PC-03	Existing Vault H6-3-3 & New Vault G6-9-3	09 Apr 10
PC-04	New Vault G6-9-3	09 Apr 10
PC-05	Direct-Buried Piping Plan	09 Apr 10
PC-06	Building Meter Detail	09 Apr 10
PC-07	Miscellaneous Process Controls Details	09 Apr 10



DU STANDARDS OF CONSTRUCTION

TECHNICAL SPECIFICATIONS

DOCUMENT №	TITLE	ISSUE DATE
UES-TS-H002	Piping Materials – Heat Distribution System	30 Mar 10
UES-TS-W002	Piping Materials – Water Distribution System	14 Feb 10

UTILIDOR & VAULT HEAT DISTRIBUTION SYSTEM DETAIL DRAWINGS

DRAWING №	TITLE	ISSUE DATE
UES-DD-H001	Steam Main Dripleg Details	14 Feb 10
UES-DD-H002	Steam Trap Station Details	14 Feb 10
UES-DD-H003	Steam & Condensate Main Hanger Details	14 Feb 10
UES-DD-H004	Steam & Condensate Lateral Support Details	14 Feb 10
UES-DD-H005	Steam & Condensate Main Anchor Details	14 Feb 10
UES-DD-H006	Steam & Condensate Support Guide Details	14 Feb 10
UES-DD-H007	Insulation Details	14 Feb 10
UES-DD-H008	Condensate Return Units	14 Feb 10
UES-DD-H009	Expansion Joints	14 Feb 10
UES-DD-H010	Utilidor and Lateral Trace Details	14 Feb 10

DIRECT BURIED HEAT DISTRIBUTION SYSTEM DETAIL DRAWINGS

DRAWING №	TITLE	ISSUE DATE
UES-DD-H101	Expansion Loops & Anchors	14 Feb 10
UES-DD-H102	Trenching, Backfill & Drainage	14 Feb 10
UES-DD-H103	Wall Penetration	14 Feb 10
UES-DD-H105	Medium Pressure Steam Service Connection	13 Apr 10

UTILIDOR & ACCESS VAULT SYSTEM DETAIL DRAWINGS

DRAWING №	TITLE	ISSUE DATE
UES-DD-H201	Access Vault Schedule & Details	14 Feb 10
UES-DD-H202	Entry Hatch & Ladder Details	14 Feb 10
UES-DD-H203	Earthwork Details	14 Feb 10
UES-DD-H204	Water Proofing & Sealing Details	14 Feb 10
UES-DD-H205	Sump & Drainage Details	14 Feb 10
UES-DD-H206	Ventilation & Protection Details	14 Feb 10
UES-DD-H207	Equipment Installation Details	14 Feb 10
UES-DD-H208	[Not Yet Issued]	
UES-DD-H209	[Not Yet Issued]	
UES-DD-H210	Pavement Replacement Details	14 Feb 10

UTILIDOR & VAULT WATER DISTRIBUTION SYSTEM DETAIL DRAWINGS

DRAWING №	TITLE	ISSUE DATE
UES-DD-W001	Pipe Joints and Offsets	14 Feb 10
UES-DD-W002	Pipe Repairs	14 Feb 10
UES-DD-W003	Fire Hydrant Off Utilidor	14 Feb 10
UES-DD-W004	Lateral Off Utilidor	14 Feb 10
UES-DD-W005	Fire Hydrant Manhole Lid	17 Sep 09
UES-DD-W006	Pipe Guide Detail	14 Feb 10



DU STANDARDS OF CONSTRUCTION

UES-DD-W007 Support and Anchor Details 14 Feb 10

DIRECT BURIED WATER DISTRIBUTION SYSTEM DETAIL DRAWINGS

DRAWING №	TITLE	ISSUE DATE
UES-DD-W101	Piping Joints and Offsets	14 Feb 10
UES-DD-W102	Temporary Domestic Water Service	14 Feb 10
UES-DD-W103	Valve Details and Sections	14 Feb 10
UES-DD-W104	Fire Hydrant Plan & Details	14 Feb 10
UES-DD-W105	Thrust Block Details	14 Feb 10
UES-DD-W106	Circulating Pump Details	14 Feb 10
UES-DD-W107	Water Piping Details – 4" and Larger	14 Feb 10
UES-DD-W108	Circulating Loop 2" & Larger Water Service	14 Feb 10
UES-DD-W109	Circulating Water Service With Fire Suppression	14 Feb 10
UES-DD-W110	Circulating Loop Water Service	14 Feb 10
UES-DD-W111	Trace Wire Detail	14 Feb 10
UES-DD-W112	Service Tie-in	14 Feb 10
UES-DD-W113	Water Piping Repair Details	14 Feb 10
UES-DD-W114	Water Piping Trench Details	14 Feb 10

END TABLE OF CONTENTS