



Project No: _____ Project Name: _____ Contractor Company: _____

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Section 8B Material Submittal Checklist - Corrosion Protection

Description	Size	Yes	No	N/A	Date of Approval	Inspector Verified	Comments:
C.2. Joint Bonds c) 3) Premade Insulated Copper Joint Bond Wires I. Hoff Company Inc. Copper Joint Bond Wires		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Erico CADPLUS Copper Joint Bond Wires		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Continental Industries ThermOweld		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
D.5. Charges a) 1) Steel Charges for Steel Materials I. Cadweld F-33 (Green Top)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
a) 2) Steel Electrical Ignition Materials I. Cadweld Plus CA15PLUSF33 with Black Top		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Cadweld Plus CA25PLUSF33 with Red Top		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. ThermOweld EZ Lite Remote		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) 1) Cast Iron Charges for Ductile Iron and Cast-Iron Materials I. Cadweld XF-19		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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II. Thermoweld CI Cast Iron Powder		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) 2) Cast Iron Electronic Ignition Materials I. Cadweld Plus CA15XF19		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. CA25PLUSXF19		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
D.9. Weld Mold Sealer I. Electrical Duct Seal by Ideal Industries		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Duct Seal Compound by Gardner Bender		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. CADWELD Mold Sealer by Erico Products, Inc		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
E.3. Thermite Weld Repair Coating I. Denso North America Protal 7125 Repair Cartridge		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. CANUSA-CPS HBE-95 WG High Build Epoxy		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
H.1. Magnesium Anodes d) High Potential Magnesium Anodes I. MAXMAG by Interprovincial Corrosion Control Company (ICCC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. MESA High Potential Magnesium Anodes		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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III. UltraMag High Potential Magnesium Anode		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
H.2. Zinc Anode		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Farwest Corrosion Control Company Anode		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
II. Corrpro Extruded Zinc Anode		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I.1. Flush Mounted Test Stations b) 3) Test Station Boxes I. Model 3RT Traffic Valve Box by Brooks Products		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Model G3 Traffic Valve Box by Christy Concrete Products		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Model G5 Traffic Valve Box by Christy Concrete Products		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	April 12, 2024		
c) 4) Manufactured Seven Terminal Test Boards I. CP Test NM-7 by Bingham & Taylor		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Flush Fink 7 by COTT Manufacturing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I.2. Shunts for Test Stations I. Holloway Type RS by Holloway Shunts		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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II. Yellow CP Shunt by M.C. Miller Company		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Yellow CP Shunt by COTT Manufacturing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
L.1. Compression Connectors c) Type "YC" Wire Compression Connectors I. Burndy, LLC Compression Connector		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Thomas and Betts Compression Connector		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
L.2 Splices d) Tape and Electrical Sealers I. Rubber High Voltage Electrical Tape		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Scotch Professional Grade Tape 130C		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Plymouth L969 Plyvolt Linerless Tape		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
e) High Voltage Vinyl Electrical Tape I. Scotch Super 33+ Vinyl Electrical Tape		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Plymouth Premium 111 Black Vinyl Tape		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
f) Filler Tape I. Scotchfil by 3M Products		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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II. Plymouth 125 Electrical Filler Tape		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
g) Electrical Coating Sealer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Scotchkote Electrical Coating by 3M							
i) 3) In Line Type Splice Insulating Kit		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. 3M Company Scotchcast Series 82							
II. Plymouth Bishop Plycast Splicing Kit 2638		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
i) 4) Wye Type Splice Insulating Kit		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. 3M Company Scotchcast Series 90B1							
II. Plymouth Bishop Plycast Splicing Kit 2636		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
L.3. Terminal and Electrical Sealers							
a) Electrical Insulating Spray		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Scotch 1601 Insulating Spray by 3M							
II. Royston Protective Coating Product Data No. 614		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) Oxidation Inhibiting Compound		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Penetrox A-13 by Burndy Products							
II. Contax Inhibiting Compound Type CTB		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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L.4. Wire Connector Terminals b) Ring Tongue Wire Connectors I. Burndy LLC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. 3M		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Thomas and Betts		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
c) Wire Single Hole Solderless Lugs I. L125 by Burndy		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. BTCO208-B2 by Thomas and Betts		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
e) Stranded Copper Wire Ring Tongue Terminal Connectors I. Anderson BHCS Series		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Blackburn CTL Series Terminal Connectors		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Burndy YA Series Box Connectors		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. T and B Series 54100, 54130, 54105, 54106, and 54107		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
O.2. Pipeline Warning Tape e) Warning Tape I. ITT Blackburn Tape		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Allen Systems, Inc Tape		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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III. Reef Industries Tape		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
P.1. Tracer Wire a) Copper Tracer Wire I. Agave Copper PE Tracer Wire		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. 45-mil HMWPE Copper Tracer Wire from Kris-Tech		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Pro-Trace Type CU HDPE Copper Tracer Wire (Copper PE45-Stranded)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) Bi-metallic Tracer Wire I. Agave APCU 1001 from Agave Wire, LTD		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Pro-Trace (HDD-CS PE45) by Pro-Line Safety Products		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Copperhead High Strength Tracer Wire (1030B-HS-xx)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. Copper-Clad Steel (CCS) from Kris-Tech		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
f) 3) Tape for Tracer Wire I. Gorilla Tape by Gorilla Glue Company		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. No. 140 Black Pipe Wrap Tape by Sigma Corporation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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III. UPC Pipe Tape by Northtown Company		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
P.2. Tracer Wire Access Box a) 2) 2-Wire, 45-Mil Insulation, Flush Mounted Tracer Wire Access Box		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Model No. P445 DT Test Cathodic Protection Test Box by Bingham and Taylor							
II. Model NM-7, 5-inch ID 18-inch Shaft Cathodic Protection Station by C.P. Test Services		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Model T4, 4-inch ID 18-inch Shaft Cathodic Test Station by Handley Industries		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. Model TWAB4PT, 4-inch Tracer Wire Access Box by Drainage and Water Solutions, Inc.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
a) 3) IV) Concrete Tracer Wire Access Box I. Brooks Products Model 3RT Traffic Valve Box		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Christy Concrete Products Model G3 Valve Box		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
a) 3) V) Tracer Wire Terminal Board I. CP Test NM-4 Terminal Test Board		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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II. Bingham & Taylor 4 Terminal Test Board		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Flush Fink 4 Terminal Test Board		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. Handley Industries 4 Terminal Test Board		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
Q.2. Insulating Joints h) Flange Insulating Kits I. Trojan Sealing Insulating Gaskets by Advance Products and Systems		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Type E Jock by Central Plastics Co.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Low Pressure Linebacker Type E Sealing Gasket by GPT Industries		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
Q.3. Flexible Insulated Couplings e) Insulating Washers I. G-10 One-Piece Sleeve and Washer from PSI		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
f) Insulating Flexible Couplings I. Dresser Style 39 by Dresser Industries, Inc		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Style 416 by Smith-Blair, Inc		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Depend-O-Lok by Victaulic, Inc		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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IV. Series 200 Couplings by Baker Coupling Company		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
Q.4. Copper Service Line Insulators I. Mueller Co, Decatur, IL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
R.1. Insulating Floor and Wall Sleeves g) 1) Prefabricated Coated Steel Pipe Wall Sleeves I. Model WS Steel Wall Sleeves by GPT Industries		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Model SWS or Model GWS by Advance Products and Systems		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
e) Modular Wall Seals I. Thunderline Link-Seal Model LS-300 or LS-400 by GPT Industries		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Pipe Linx by Calpico, Inc		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Innerlynx by Advance Products and Systems Inc		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
R.6. Fusion-Bonded Epoxy Materials I. Scotchkote 206N, 323 or 162 by 3M		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Nap-Gard 7-25000 Pipe Coating by Axalta Coating Systems		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Nap-Gard 7-4500 by Axalta Coating Systems		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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V.3. Field Coating Repair Materials a) Heat Shrink Sleeve Materials I. Covalence WaterWrap Sleeve		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. CANUSA Aqua-Shield Aqua-Sleeve by CANUSA, Inc		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) Cold-Applied Field Repair Tape I. Tapecoat H35 by TAPECOAT Company		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Polyken 1027 Primer and Polyken 934-35 Tape by Tyco Adhesive		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Tek-Rap 200-23 Series Primer and Tek-Rap 280 Tape by Tek-Rap		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
c) Epoxy Repair Coating I. A788 Splash Zone Compound by Koppers		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Aquata Poxo A-6 by Raven		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Protal 7125 Repair Coating by Denso		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. Tnemec FC 22 Epoxoline by Tnemec Company Incorporated		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
V. HBE-95 WG High Build Epoxy by CANUSA-CPS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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d) Petrolatum Coating Systems I. Denso Pipe and Fittings Petrolatum System by Denso Products		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. No. 1 and No. 2 Wax-tape Coating Systems by The Trenton Corporation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
45. *Requested Exceptions:							
*Please submit a copy of the formal exception letter for all exceptions to the required materials found in the City of Rapid City Standard Specifications, 2022 Edition.							