



Technical Change Notice (TCN) – Part A

PROJECT: River Protection Project Waste Treatment Plant

JOB No.: 24590

A1. Date: <u>02/07/12</u>	RPP-WTP TCN No.: <u>24590-QL-MRA-MACS-00007-T0005</u>
Title for TCN: <u>Add submittal requirements for Baldor motors</u>	
Supersedes Change Document <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

A2. Project Only Information			
Part of DCP?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
ECN Needed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Cost and Schedule Impacts:			
Not to exceed value: \$25,000			
No schedule impact			

CAM Approval(s)		
<u>P Porcaro</u> <i>Print/Type Name</i>	 <i>Signature</i>	<u>2-9-12</u> <i>Date</i>

A3. BPS Update		
Does the TCN include changes to Part 1 / Section 1 of the LFMR? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<i>If yes, create a sub-revision to the LFMR in BPS and sign/date below.</i>		
<i>Print/Type Name</i>	<i>Signature</i>	<i>Date</i>

***** THIS PAGE NOT TO BE SENT TO SUPPLIER *****

Please note that source, special nuclear, and byproduct materials, as defined in the Atomic Energy Act of 1954 (AEA) are regulated at the U. S. Department of Energy (DOE) facilities exclusively by DOE acting pursuant to its AEA authority. DOE asserts that pursuant to AEA, it has sole and exclusive responsibility and authority to regulate source, special nuclear, and byproduct materials at DOE-owned nuclear facilities. Information contained herein on radionuclides is provided for process description purposes only.



Technical Change Notice (TCN) – Part B

PROJECT: River Protection Project Waste Treatment Plant

JOB No.: 24590

Date: 02/07/12 RPP-WTP TCN No.: 24590-QL-MRA-MACS-00007-T0005
 Title for TCN: Add submittal requirements for Baldor motors
 Supersedes Change Document Yes No

B1. Affected RPP-WTP Documents

Identify by number and current revision the specifications, drawings (including data sheets and engineering lists), supplier documents provided to another supplier, and material requisitions, as applicable. Attach extra sheets, photographs, sketches, etc., as necessary to provide justification or describe the change.

B1.1 Long Form Material Requisition (LFMR) Number	Rev	LFMR Title
24590-QL-MRA-MACS-00007	1	Exhausters, Special Purpose / Process

Justification for Change

1 Engineering Specification for Acquisition of Commercial Items and Services for use in Safety Applications at WTP, 24590-WTP-3PS-G000-T0019, Rev 0, Section 4.2.4 states "The dedication packages compiled by the supplier in accordance with their CGD procedure and plans shall be submitted to the Buyer for review upon completion of dedication activities". This TCN clarifies the above specification requirement applies to (Baldor) a Q sub supplier to S.A. Technology, Inc..

Description of Change

1. Add technical note 2.4.10 to section 2.4. Submit "inspection characteristics" documentation for the Baldor motors as required on the G-321-V form, document category 33.0. This documentation may also be called "Configuration Control Record Sheets" by the supplier. Detailed mark up of the change attached.

Attachments (The following Material Requisition components, attached, are newly added or supersede any prior versions transmitted.)

N/A

B1.2 Added/Deleted Documents

Added Documents (The following documents are newly added or supersede any prior revisions transmitted)

Document Number	Rev	ECI	Document Number	Rev	ECI
N/A					

Deleted Documents (The following documents are deleted and no longer valid)

Document Number	Rev	Document Number	Rev
N/A			

B1.3 Change Document(s)

Document Number	Rev	Document Title	ECI
24590-LAW-3PS-MACS-T0001	2	Exhausters and Hoses	<input type="checkbox"/>

Specification changes retroactive? Yes No

Justification for Change

In addition to material test reports, pressure retaining materials are verified using other methods. For example, these methods may include PMI or testing by a qualified laboratory. It is acceptable to accept either material test reports or a certificate of conformance since other methods have been employed to confirm materials of construction.



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PROJECT: River Protection Project Waste Treatment Plant

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Date: 02/07/12 RPP-WTP TCN No.: 24590-QL-MRA-MACS-00007-T0005

Title for TCN: Add submittal requirements for Baldor motors

Description of Change

Section 4.1.2
 Allow the supplier to provide either material test reports or Certificate of Conformance (C of C) for pressure retaining components. A detailed mark up of this change is attached. This change is for reference and does not require incorporation into the specification.

B2. REQUIREMENTS REVIEW

Interface Resolution Required* Yes No *Address "yes" answer in the description.

B3. SIGNATURES AND DATES:

Originator D J Rickettson	<i>D J Rickettson</i>	Checker M Parker	<i>Michelle Parker</i>
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Reviews

E&NS - Reviewer Name <i>RFCARLSTROM</i> <i>RFCARLSTROM</i>	B&S - G Scanlan <i>G Scanlan</i>	Mech & HVAC EGS - D Mildon Name <i>M. SANDICTORS</i> <i>D Mildon</i>	Proc Engr - S Daw <i>S Daw</i>
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Approval(s)

LBL PEM/PE - T Hughes <i>Thomas Hughes</i>			
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Date (inserted by final approver): 2/9/12

B4. DISTRIBUTION:

E-mail Address/Recipient	Organization	E-mail Address/Recipient	Organization
WTP Acquisition Helpdesk	Procurement & Subcontracts		

SECTION 2 – TECHNICAL SPECIFICATIONS

Bechtel National, Inc.
Hanford Tank Waste Treatment and Immobilization Plant (WTP)

2. EQ documentation includes:

- a) SELLER'S portion of EQ datasheet, (see data sheet 24590-LAW-MAD-LVP-00006)
- b) Submittals used to document EQ
- c) Certificate(s) of Conformance used to document EQ

2.4.3 Clarification of requirements for Environmental Qualification for line items 3-16

1. All line items are located in mild environments. All aging requirements for applicable components are to be addressed through analyses. Maintenance and replacement schedules for applicable components will be addressed in both the EQ reports and maintenance manuals.
2. Seismic test units will not require aging of applicable components to end of life conditions.

2.4.4 Requirements for Insulation Installation and Insulation Materials

Where the installation of insulation is specified on the mechanical datasheet, the Seller shall submit the procedures for the installation of the insulation. Procedure shall include technical details for insulation materials.

2.4.5 Quality Assurance Program Requirements

QAP submittal requirements in specification 24590-WTP-3PS-G000-T0001, Supplier Quality Assurance program Requirements, Sections 4.1 through 4.5 do not apply.

ADD 2.4.10 SEE INSERT PAGE OF

Attachment A: Q Datasheet of ANSI/ASME NQA-1 (2000), Quality Assurance Program Requirements

Attachment B: Deleted

2.5 SUBSTITUTIONS AND DEVIATIONS

Source Controlled Items, Parts, or Subassemblies

When an item, part, or subassembly is identified as "Source Controlled" on a BUYER document, the term "Source Controlled" means that only that item, part, or subassembly manufactured by the named SELLER is approved by the BUYER for use in the application for this agreement. No substitution may be made or requested.

Specification Controlled Items, Parts, or Subassemblies

When an item, part, or subassembly is identified as "Specification Controlled" on a BUYER document, the term "Specification Controlled" means that only the item, part, or subassembly that meets or exceeds the named SELLER specifications is approved by BUYER for use in the application for this agreement. No replacement of items, parts, or subassemblies meeting lesser specifications may be made or requested. Should SELLER determine that such replacement is required, the replacement shall be considered a "Substitution" and the below "Parts Substitution Process" shall apply.

Substitutions

Brand names and part or model numbers when specified in BUYER's technical documents are illustrative of an approved type and unless otherwise identified as "Source Controlled" the substitution of an equivalent type of another manufacturer may be proposed by SELLER. SELLER shall be responsible to identify any potential part substitution. SELLER shall assure that the Parts Substitution Process (PSP) requirements herein are met by the SELLER's Preliminary Material Review Board and submit to BUYER all pertinent documents including Material Review Board documents for approval.

All parts substitutions must be approved. The following criteria must be met for PSP.

Insert 1 to MR Technical Notes

2.4.6 Previously assigned technical note from TCN, 24590-QL-MRA-MACS-00007-T0001. No change to this technical note.

2.4.7 Previously assigned technical note from TCN, 24590-QL-MRA-MACS-00007-T0001. No change to this technical note.

2.4.8 Previously assigned technical note from TCN, 24590-QL-MRA-MACS-00007-T0002. No change to this technical note.

2.4.9 Previously assigned technical note from TCN, 24590-QL-MRA-MACS-00007-T0002. No change to this technical note.

Add technical note:

2.4.10 Submit “inspection characteristics” documentation for the Baldor motors as required on the G-321-V form, document category 33.0. This documentation may also be called “Configuration Control Record Sheets” by the supplier.

24590-QL-MRA-MACS-00007-T0005

Page 4 of 5

3.17 Deleted

3.18 Flexible Connectors, Inlet and Outlet Hoses

3.18.1 When specified on the data sheet 24590-LAW-MAD-LVP-00006, SELLER shall provide flexible connectors for inlet and outlet hoses. SELLER shall specify the connector manufacturer and model number on the exhauster data sheet.

3.19 Sacrificial offgas skid-mounted exhauster LVP-EXHR-00001TEST

3.19.1 The sacrificial exhauster is not a piece of permanent plant equipment and can be stored indoors or outdoors. During storage at the WTP no maintenance will be required.

4 Materials

4.1 Construction

4.1.1 Materials of construction shall conform to the exhauster data sheet 24590-LAW-MAD-LVP-00006, as applicable.

OR CERTIFICATION OF CONFORMANCE (COFC)

4.1.2 Material test reports of chemical and physical properties shall be provided for pressure retaining components, including weld filler metal of the exhausters and hoses. Material test reports of chemical and physical properties for the exhauster impeller and exhauster shaft shall be provided.

OR CERTIFICATION OF CONFORMANCE (COFC)

4.1.3 ASME and/or ASTM material designations and grades shall be indicated on the fabrication drawings and in the material lists.

4.2 Electrical

4.2.1 Low-voltage power and control cables which are located external to the enclosures and not integral to the components shall be stranded copper, 600 V type XHHW-2 or Buyer-approved equivalent.

4.2.2 Internal enclosure wiring shall be stranded copper, flame-retardant, 600 V, synthetic heat resistant, or machine tool wire, or high-flexible thermoset.

4.2.3 Electrical equipment on the packaged unit shall be grounded to the package unit skid.

24590-QL-MRA-MACS-00007-T0005
PAGE 5 OF 5