



TOMAR CONSTRUCTION LLC

18 Connerty Court
East Brunswick NJ 08816
732 238-0700
Fax 732 238 0701

Purchase Order

Order#: 3311
Date: 03/24/2017
Description: Pipe Support Design
Delivery Date: 04/04/2017
Via: FOB Office

To: Fenny Engineering Company
104 Gondola Park drive
Venice FL 34292

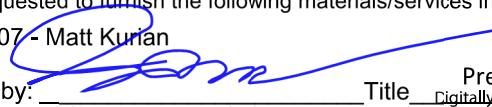
Ship to: TOMAR CONSTRUCTION

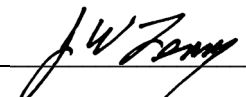
Attn: Damian Dardzinski 609-213-8454
E Mail damian@tomarconstruction.com

Attn: Jack Fenny
Ph: 941 488 7188 Fax

You are hereby requested to furnish the following materials/services in compliance with specifications, with no exceptions for the above project.

Ordered By: 207 - Matt Kurian

Order Approved by:  Title President Date 03/28/2017
Thomas Mottackal Digitally signed by Thomas Mottackal
Date: 2017.03.28 07:57:16 -04'00'

Order Accepted By:  Title Owner Date March 29, 2017

Part #	Description	Unit	Quantity	Price	Amount
	Pipe Support Design	LS	1.00	15,000.00	15,000.00
				Subtotal:	15,000.00

Notes

Furnish design for pipe supports for the piping system as per contract drawings P-1 to P-13, S-1 to S-17 and specification sections 11200, 11201 and 11203. Also, utilize Tomar concept drawings SP-01, 02 & 03 as required.

1. Fenny Engineering will analyze all piping for 4" and larger and provide the pipe loads acting at every support location. This analysis will include load cases: Deadweight, Thermal, Pressure & Seismic.
2. Fenny Engineering will qualify Tomar's conceptual structural supports and provide qualified fabrication details for all structural components.
3. Fenny Engineering will provide all support design and details in addition to the structural frames above; this includes hanger designs in which all supports for 4" and larger will include the overall hanger assembly detail complete with Bills of Material and all products sized. It will also include fabrication details for all non-catalog products.
4. Fenny Engineering will provide pipe support details complete with bills of materials. Fenny Engineering expects to use Tomar supplied CAD drawings to assist and expedite the design work.
5. All support design drawings will be signed and sealed by a qualified New Jersey Professional Engineer.
6. All drawings which will be submitted to the Consulting Engineer on the project for review may require resubmissions based on any review comments requiring clarity or additional information; these resubmitted drawings will be provided as promptly as possible.
7. Payment will be made in full upon complete submission of all NJ PE signed and sealed design drawings and acceptance by the Consulting Engineer.
8. Tomar will furnish or request from the Consulting Engineer if needed any additional information to aid in the pipe support design.



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18 CONNERTY COURT
EAST BRUNSWICK, NJ 08816
TEL (732) 354-0317 FAX (732) 354-0529

CLARIFICATIONS TO PURCHASE ORDER NO. 3311

1. The extent of Fenny Engineering's scope of work for the pipe support design is shown on the Tomar drawings SP-01, 02 & 03. However, Fenny Engineering will review all the "P" contract drawings to determine if other pipes need support. If so, this design would be an added scope.
2. Fenny Engineering will do a review of all the support frame locations, and types shown on the Tomar drawings SP-01, 02 & 03 with the goal to reduce the number and/or reduce the complexity of the design. Following which, this will be released to Tomar to finalize the details and adjust the locations on Tomar's CAD drawings. Tomar will then provide the design and detail of the support frames that Fenny Engineering will have qualified, signed and sealed by a New Jersey Professional Engineer.
3. Progress payments are acceptable as follows:
 - a. 40% of purchase value payable upon submission of 50% of submittals.
 - b. 40% of purchase value payable upon submission of all remaining submittals.
 - c. 20% of purchase value payable upon approval of all submittals.

Signed: _____

Jack Fenny

03/29/2017

Date

Signed: _____

Matt Kurian, General Manager

03/28/2017

Date