

Texas Comptroller of Public Accounts

Data Analysis and
Transparency
Form 50-296-A

SECTION 14: Wage and Employment Information

1. What is the estimated number of permanent jobs (more than 1,600 hours a year), with the applicant or a contractor of the applicant, on the proposed qualified property during the last complete quarter before the application review start date (date your application is finally determined to be complete)? 0
2. What is the last complete calendar quarter before application review start date:
 First Quarter Second Quarter Third Quarter Fourth Quarter of 2017
(year)
3. What were the number of permanent jobs (more than 1,600 hours a year) this applicant had in Texas during the most recent quarter reported to the Texas Workforce Commission (TWC)? 2,000
Note: For job definitions see TAC §9.1051 and Tax Code §313.021(3).
4. What is the number of new qualifying jobs you are committing to create? 10
5. What is the number of new non-qualifying jobs you are estimating you will create? 50
6. Do you intend to request that the governing body waive the minimum new qualifying job creation requirement, as provided under Tax Code §313.025(f-1)? Yes No
 - 6a. If yes, attach evidence in **Tab 12** documenting that the new qualifying job creation requirement above exceeds the number of employees necessary for the operation, according to industry standards.
7. Attach in **Tab 13** the four most recent quarters of data for each wage calculation below, including documentation from the TWC website. The final actual statutory minimum annual wage requirement for the applicant for each qualifying job — which may differ slightly from this estimate — will be based on information from the four quarterly periods for which data were available at the time of the application review start date (date of a completed application). See TAC §9.1051(21) and (22).
 - a. Average weekly wage for all jobs (all industries) in the county is 1,233
 - b. 110% of the average weekly wage for manufacturing jobs in the county is 2,193.68
 - c. 110% of the average weekly wage for manufacturing jobs in the region is 1,160.72
8. Which Tax Code section are you using to estimate the qualifying job wage standard required for this project? §313.021(5)(A) or §313.021(5)(B)
9. What is the minimum required annual wage for each qualifying job based on the qualified property? 60,357.44
10. What is the annual wage you are committing to pay for each of the new qualifying jobs you create on the qualified property? 60,358.00
11. Will the qualifying jobs meet all minimum requirements set out in Tax Code §313.021(3)? Yes No
12. Do you intend to satisfy the minimum qualifying job requirement through a determination of cumulative economic benefits to the state as provided by §313.021(3)(F)? Yes No
 - 12a. If yes, attach in **Tab 12** supporting documentation from the TWC, pursuant to §313.021(3)(F).
13. Do you intend to rely on the project being part of a single unified project, as allowed in §313.024(d-2), in meeting the qualifying job requirements? Yes No
 - 13a. If yes, attach in **Tab 6** supporting documentation including a list of qualifying jobs in the other school district(s).

SECTION 15: Economic Impact

1. Complete and attach Schedules A1, A2, B, C, and D in **Tab 14**. Note: Excel spreadsheet versions of schedules are available for download and printing at URL listed below.
2. Attach an Economic Impact Analysis, if supplied by other than the Comptroller's Office, in **Tab 15**. (*not required*)
3. If there are any other payments made in the state or economic information that you believe should be included in the economic analysis, attach a separate schedule showing the amount for each year affected, including an explanation, in **Tab 15**.

TAB 4

Detailed description of the project

Nan Ya Plastics Corporation, Texas, proposes to develop a Ethylene Glycol Unit (EG2 Unit) within the Calhoun County Independent School District.

The project will be constructed on approximately 39.60 acres. The project will be located entirely in Calhoun County and within the Calhoun County Independent School District.

Production of Ethylene Glycol is a complex process that creates a chemical reaction of Ethylene with Oxygen (comes from the air separation unit which is located next to the EG2 reactor) to form Ethylene Oxide (EO). The Ethylene Oxide is then further reacted with water to form Ethylene Glycols. The Glycols are then separated into MEG (mono-ethylene glycol), DEG (di-ethylene glycol), TEG (tri-ethylene glycol), and PEG (poly-ethylene glycol). The first step is the EO reaction utilizes a silver base catalyst to inhibit the Ethylene and Oxygen reaction to form Ethylene Oxide. The Ethylene Oxide is then scrubbed into water and sent to the glycol reactor where the Glycol is formed. The last step involves drying and separation where the product becomes 99.9% pure and the heavier glycols are separated based on the difference in boiling points.

Feedstock Sources:

The proposed Ethylene Glycol plant will accept ethylene from the storage spheres; pipe it into the Ethylene Oxide Reactor system where the Ethylene molecules and the Oxygen molecules are bonded to form Ethylene Oxide. The plant will consist of piping, instrumentation, reactors, compressors, valves, columns, heat exchangers, mixing/loading tanks and product loading areas.

Proposed Output Capacity:

The EG2 unit will produce 800,000 metric tons per year of Ethylene Glycol. Ethylene Glycol is a liquid product which is used as a raw material for the manufacturing of fibers such as polyester, and it can also be used to make plastics. Ethylene Glycol is made from ethylene as its root component. The final product will be both transported to end-customer via railcar, truck, or marine vessels.

Interconnections with neighboring facility:

The only connection from the neighboring facility would be the use of steam from CFB, Water from the reservoir and Ethylene from on site spheres. Other than the above, the waste water will be sent to the Utilities Department, combined waste water treatment plant, CWTP, for treatment and ensuring compliance with regulations.

TAB 13

Calculation of three possible wage requirements with supporting documentation

AVERAGE WEEKLY WAGES FOR ALL JOBS, ALL INDUSTRIES IN CALHOUN COUNTY COUNTY
FOUR MOST RECENT QUARTERS

COUNTY	YEAR	QUARTER	OWNERSHIP	Avg. Weekly Wage
Calhoun County	2016	Q3	Total All	\$1,228
Calhoun County	2016	Q4	Total All	\$1,249
Calhoun County	2017	Q1	Total All	\$1,251
Calhoun County	2017	Q2	Total All	\$1,204
SUM:				\$4,932
CALCULATION:				\$4,932/4 = \$1,233

AVERAGE WEEKLY WAGES FOR MANUFACTURING JOBS IN CALHOUN COUNTY COUNTY
FOUR MOST RECENT QUARTERS

COUNTY	YEAR	QUARTER	OWNERSHIP	Avg. Weekly Wage
Calhoun County	2016	Q2	Private	\$1,859
Calhoun County	2016	Q3	Private	\$1,948
Calhoun County	2016	Q4	Private	\$2,180
Calhoun County	2017	Q1	Private	\$1,990
SUM:				\$7,977
CALCULATION:				(\$7,977/4)*1.1 = \$2193.68

AVERAGE WEEKLY WAGES FOR MANUFACTURING JOBS IN THE REGION (WDA)
FOUR MOST RECENT QUARTERS

REGION / WDA	YEAR	Hourly/Annual	Avg. Weekly Wage
Golden Crescent	2016	\$26.38/\$54,879	\$1,055.20
CALCULATION:			\$1,055.20 * 1.1 = \$1,160.72

Please refer to the attached TWC & Council of Governments documentation below.