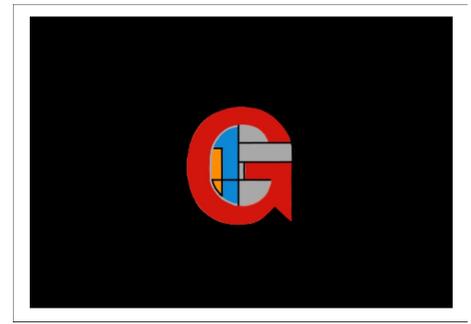


Prepared For: President Trump
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Agency: Department of Homeland
Security Office: Customs and Border
Protection Location: Procurement
Directorate - IN



G1 Quantum Facilities and Project Layout

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Intro:

The Quantum - Trump Border Wall modifies the best current border wall design making it the most cost effective and viable time sensitive solution.

Basic Calculations:

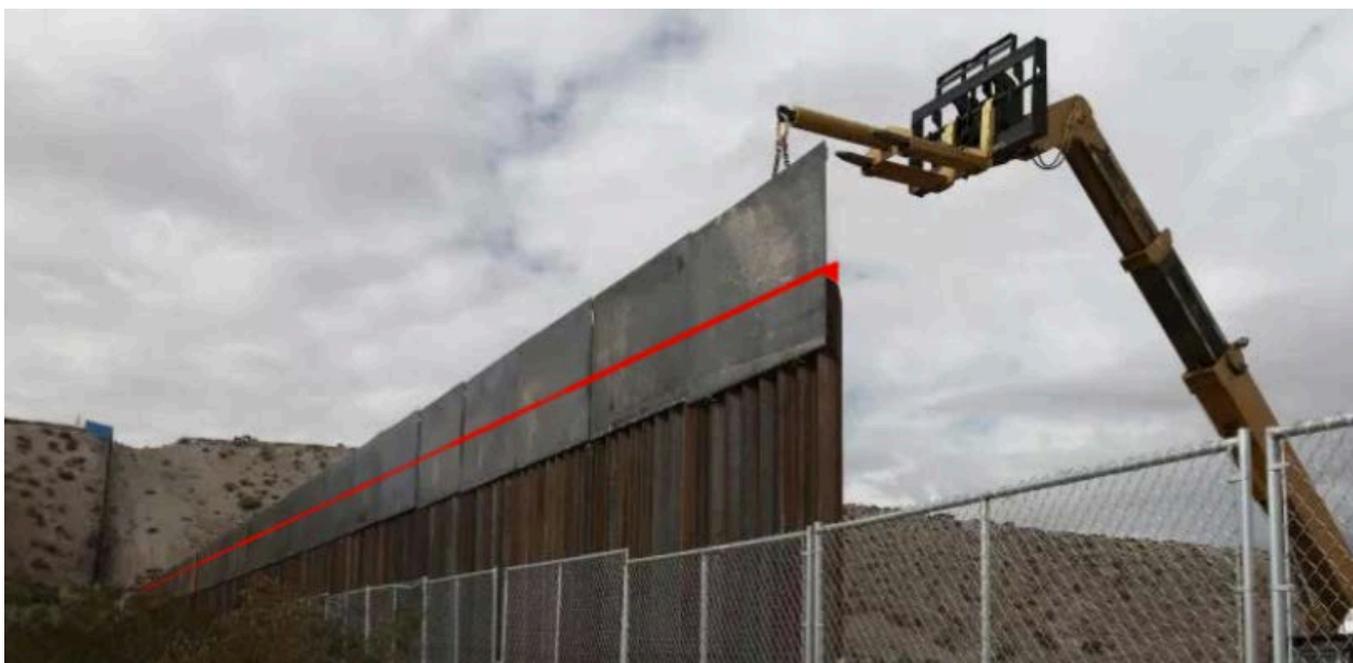
Avg. salary for the project ~\$50USD/hr

Assuming 10 people for each 21ft. x10ft. piece of wall it is our expectation that it will take on average 5hr to dig 5hr to place the wall in the concrete to set. So 10 construction workers times 10hr times \$50USD = \$5000USD

Average salary for a project Electrician ~\$60USD/hr

Assuming 3 electricians to install pre-made / pre-fabricated 10ft solar panel on the 18ft. wall and connect it to cable 3hr = \$540USD

On average one team of ~13 is going to want to be able to complete one 21ft. x 10ft. piece in its entirety in one day. ¹



On average One flat bed 18 wheeler can carry 36 tons per load which = ~85 21ft. x 10ft pieces at 500lbs to 800lbs per piece. Assuming Commercial Metals Company is the supplier, the average distance from Irving Texas to Laredo is 440 miles. 440 miles is also the average distance from Irving to any other location along the border wall. The cost per mile of fuel is \$1.70 for every 10miles. The average trip from Irving to the border will cost around ~\$75USD one way in fuel. The average cost per mile to pay a trucker to drive is \$3.50 cents per every 10 miles the average cost to pay a trucker to drive one way 440 miles is \$160USD.

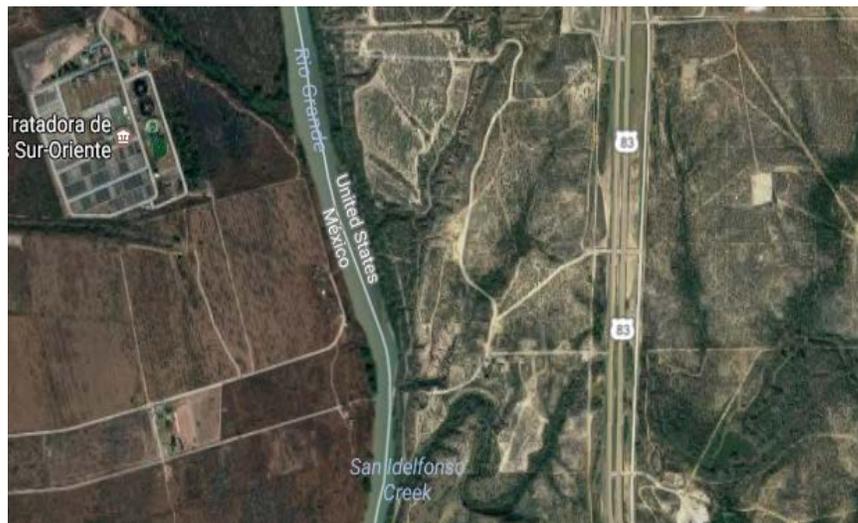


One mile is 5280 ft. divided by 10ft. = 528 21ft. x 10ft. pieces per mile times 2,000 miles = 1,056,000.00 21ft. x 10ft pieces. 1,056,000.00 divided by 85 pieces per truck = ~12,424 trips one way. The average total cost of getting the 21ft. x 10ft. steel pieces from Irving to the border one way will be \$75USD (fuel), \$160USD (trucker cost) times 12,424 = ~\$30Million USD.



The average cost per mile for man power, not including equipment, per every 10ft is \$5360USD. The average total cost for labor per mile is \$5360USD times 528 = ~\$3MUSD So on average 2,000 miles of labor = ~\$6BUSD not including equipment. 2

Premium labor costs and equipment rentals will on average cost \$32MUSD bringing the total cost per mile to \$35MUSD with flexibility in the price per mile. Also each 21ft. by 10ft. piece of wall without solar costs on average \$4KUSD so \$4KUSD times 528 times 2000 = total cost of the metal for the wall = \$5Billion USD.



Project Layout:

The Quantum - Trump Border Wall will span from California to Texas and have one intermediary facility in Laredo Texas, and one primary facility in Wharton Texas. The cable set within the protective bollards will be equipped with fail-safe measures that notify Border Patrol of possible breaches, and inform G1 Quantum utility operators of any power anomalies. The intermediary facility in Laredo will be located East of Interstate 83, and the primary facility in Wharton will be located East of Highway 1301. ³ The intermediary facility in Laredo will serve at the initial regulatory facility to manage the power coming in from



the border wall. Conceptually, the Laredo facility will very much resemble an intermediate sized data center. The Laredo facility will transform and redistribute energy from Laredo to Wharton. Aside from power redistribution to Wharton the Laredo facility will contractualize each ~kWh via blockchain technology.

Cable is laid from Laredo to Wharton.

Conceptually, the primary facility in

Wharton will very much resemble a large

data center. The Wharton facility

transforms and redistributes the energy

coming in off the border wall a second

time authenticating the initial blockchain contracts. The Wharton facility connects with the Seaway

pipeline 4 West of Rosenberg Texas, one County East of Wharton. Cable is laid next to the pipeline to

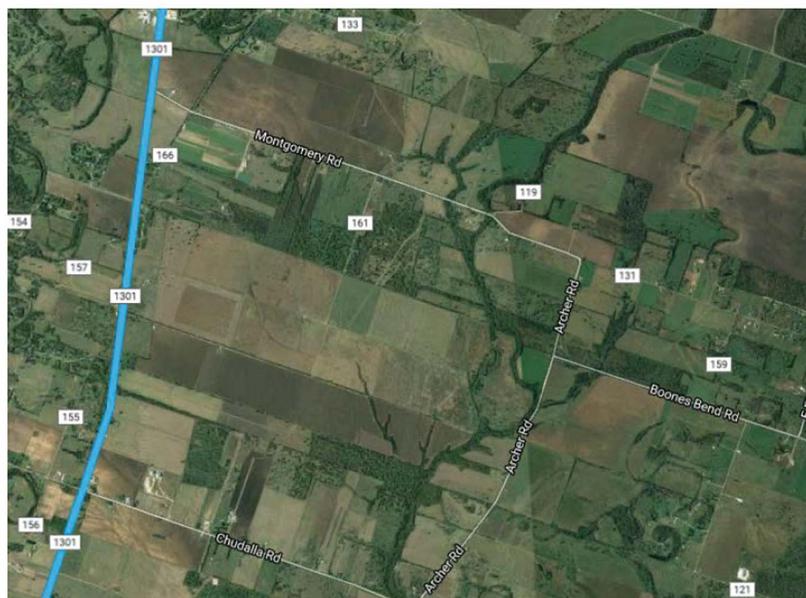
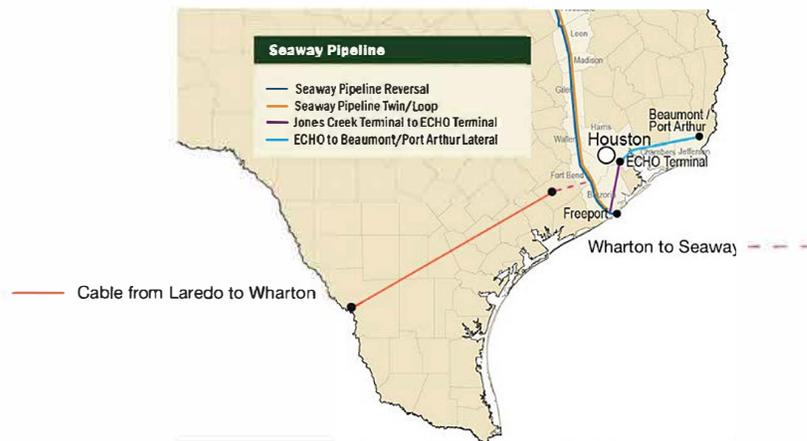
Hardisty, Canada where the energy is sold and consumed. Various locations along the wall will also

serve as access points for energy sales to Mexico. Access points will also be included to help the U.S.

meet new energy demands. This approach increases U.S. next exports with Mexico and Canada not

only benefiting G1 Quantum, but allows the Presidential Administration to leverage this new trade to

execute other strategic reforms to benefit the people of the U.S.



Time Sensitive Calculations:

How many teams of 13 needed to complete 2,000 miles of wall in 915 days?

How many teams would you need to complete the border wall in one day?

So 13 people per every 21ft. x 10ft.

piece / unit with 528 teams of 13 for

one mile = 6864 people per mile in one

day so 6864 people times 2000 miles = ~13,728,000 people to complete the wall in one day.

Two and 1/2 years is 915 days divided by 13,728,000 = 15K people working on the project for 915 days to complete the project in 2 1/2 years. The strategy of the time sensitive project then takes the shape of placing 5k workers to the



far West by Imperial Beach California, 5k Midway in El Paso Texas, and 5k far East in Brownsville Texas into three zones.

Facilities:

The facilities in Laredo and in Wharton will be eco-friendly, ⁵ and seamlessly fit into the locations natural environment. The anticipated cost of the facility in Laredo is ~\$500MUSD and the anticipated cost of the facility in Wharton is ~\$750MUSD. The facilities will create Thousands of new jobs in the energy and

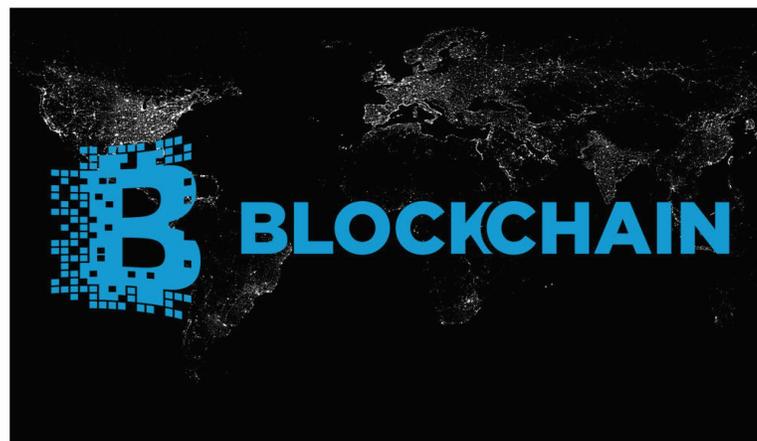


technology sector. This will help the US dollar cut across the periphery of the US stimulating growth driving the economy forward in accordance with Federal Reserve projections. The facilities will hold weekly events on a wide range of energy

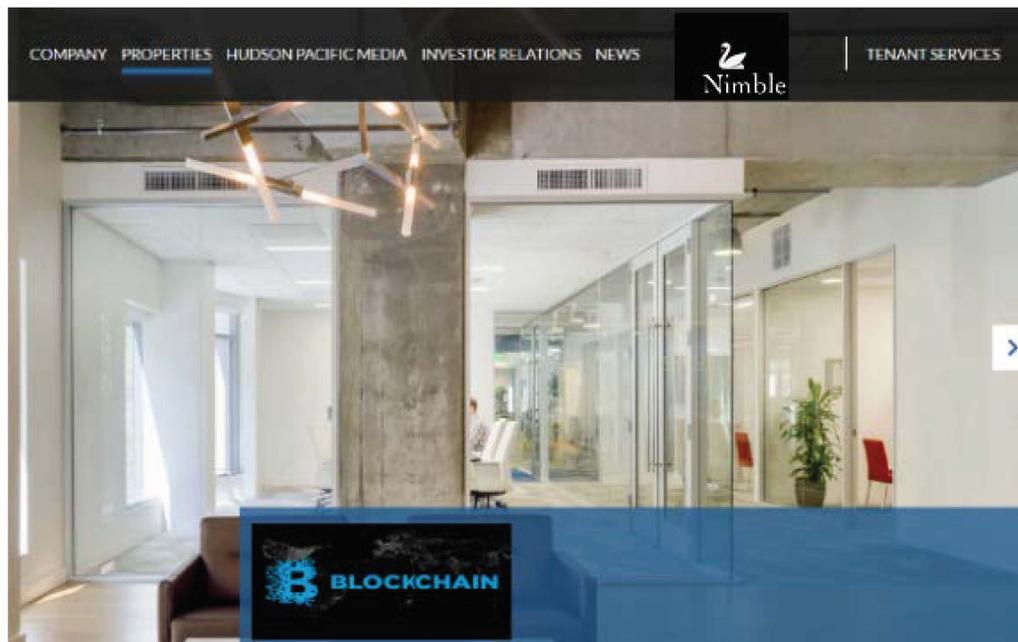
and technology related topics to help facilitate job placement, and improve community relationships.

Basic Team Management Overview:

So potentially each zone has 5k people
divided by 13 people per team = 385
teams of 13 in each zone. Each set of
100 people will be broken into a battalion
with a battalion leader for each ~100



people managing 8 teams of 13. Fifty battalion leaders will be needed per every 5K people. We will need Two Lieutenants to manage 50 Quantum battalion leaders. Six Lieutenants in total, Two for each 5K workers. One 1 Star General above the Two Lieutenants will be needed to manage the Two Lieutenants with Three 1 Star General's for 15K people in total. Overall the 1 Star Generals report to one 2 Star General. The 2 Star General reports to 3 Star General running big data analytics and block chain who then reports to 4 Star Brigadier General who reports to the Commander and Chief. 6



G1 Quantum Energy Trading:
Energy contracts encrypted onto
the Blockchain ledger will then
be passed to G1 Quantum
offices in San Francisco and
New York. Blockchain allows
Companies interested in the
energy production data to pay
G1 Quantum a premium.

Nimble, a subsidiary of G1 Quantum Corp., will facilitate energy trading and blockchain management.

Potential Partners:

Enbridge's 2015 Strategic Plan, unveiled in October, is a road map to the future, with a five-year planning horizon stretching from 2015 through 2019. It sets out the various actions required to enable Enbridge to achieve its vision to be North America's



leading energy delivery company. Enbridge has a \$24 billion inventory of commercially secured projects to drive our near-term strategic priorities and initiatives. Enbridge also has \$14 billion in additional risked potential capital projects, which may further extend our growth beyond our five-year plan.

Northrop Grumman's Space Solar Power Initiative partnering with Caltech attracts the most talented minds in the energy sector providing up to \$17.5 million to the solar based initiative over three years extending into 2018. By potentially working together with Caltech, Northrop Grumman extends its long heritage of innovation in space-based technologies and mission solutions. The potential breakthroughs from this research could have extensive applications across a number of related power use challenges. Caltech and Northrop Grumman have a long history of collaboration, dating back decades to joint work



between Northrop was an aviation pioneer who in 1939 founded the Northrop Corporation, one of the legacy companies that united to become Northrop Grumman. This unique \$17.5 million initiative⁷ is one of the largest corporate sponsored research projects Caltech has undertaken in recent years.

U.S. Customs and Border Protection:

Aside from being 18ft. high the Quantum - Trump Border Wall directs a portion of the energy produced back into the wall distributing charge into the top portion of the wall. This electrifies the border wall helping



to protect United States National Security. Sensors embedded into the cable and top portion of the wall provide U.S. Customs and Border Protection and G1 Quantum safety through redundancy implementing multiple fail-safe measures⁸. The U.S. Border Patrol's primary mission remains unchanged: to detect and prevent the illegal entry of aliens into the U.S. Together with other law enforcement officers, the U.S. Border Patrol helps maintain borders that work - facilitating the flow of legal immigration and goods while preventing the illegal trafficking of people and contraband. The Quantum - Trump Border Wall helps the U.S. Border Patrol meet its strategic goals and objectives of protecting our Nation by reducing the likelihood that dangerous people and capabilities enter the U.S. between the ports of entry. This is accomplished by maintaining surveillance, following up leads, responding to electronic sensor alarms and aircraft sightings, interpreting and following tracks. An increase in smuggling activities has pushed the U.S. Border Patrol to the front line of the war on drugs. Our role at G1 Quantum is to help facilitate U.S. Border Patrol as the primary drug-interdicting organization along the Southwest border continues to



expand. The heightened presence of U.S. Border Patrol agents along the Southwest border has burdened narcotic traffickers and alien smugglers. In FY 2012, Border Patrol agents on the Southwest border seized more than 5,900 pounds of cocaine and more than 2.2 million pounds of marijuana.

8. Sensor redundancy and failsafe measures require on-site calibration

In conclusion G1 Quantum is a clean energy company that also specializes in a variety of other technological applications. The Quantum - Trump Border Wall was conceptualized through the adversity of the U.S. Government trying to find innovative ways to protect U.S. Borders and National Security interests, and find even more innovative ways to pay for those innovations. G1 Quantum took on the U.S. Governments challenge and clearly exceeded expectations delivering a solution that not only protects the U.S. border with Mexico more efficiently and effectively, but also delivers a value crushing 242Trillion kWh of energy per year. 9 G1 Quantum's resilient dynamism core growth model allows for nimble time sensitive innovation finding balance for its clients. The approach G1 Quantum takes to delivering its solutions is multi-pronged. A solution of this magnitude cannot come to fruition without strategically and consistently out positioning hyper-inflated value undercurrents on multiple fronts. This approach has exposed several layers of value protectionism embedded within its competitors that don't necessarily select the best solution, but an unhealthy solution according to value. G1 Quantum's novel approach to this and other problems often overlooked allows us to take on the highest level of competition internationally and consistently out innovate our competitors. No other company has put forth a proposal that even considers a multidimensional approach that includes an energy efficient border wall.



G1 Quantum has clearly set forth a superior solution to protect our borders. G1 Quantum and its future partners have the capability to deliver this time sensitive solution in under 915 days meeting or exceeding Presidential Administration strategic goals and objectives.