

Business Plan & Financial Forecast May 2014

Table of Contents

Se 1. Introduction	ction	Page No.			
1. Introducti	3				
2. Company Structure					
3. Company Summary					
4. Operational Divisions					
5. Executive Management Team					
6. Revenue and Profitability Forecast 41					
Exhibits	(Available upon Request and Completion of an NDNC)				
Exhibit 1:	AlphaGen Materials: VE-MR lining system				
Exhibit 2:	Project Report: Thermal, Energy, and IAQ Testing on a Small Prefabricated Structure				
Exhibit 3:	Preliminary Report / Synopsis of AlphaGen/Britt Fire Panels Test	ing			
Exhibit 4:	Abrasion Resistance Testing				
Exhibit 5:	ACTS CerarMix TM Pre-Engineered Structures				
Exhibit 6:	The ACTS Advantage				
Exhibit 7:	Pan Oak Gas & Oil Case Study				
Exhibit 8:	Denton's Patent & Trademark Report				
Additional R	eports & Studies available for due diligence study.				

The following information has been developed and designed to reflect all components of the ACTS CerarMix Solutions concept. This specific plan focuses on all three divisions of CerarMix Solutions as it pertains to the corporate entity ACTS CerarMix Solutions International or "ACTS CSI".

Certain elements have been altered to identify that ACTS is the Master Agent worldwide for CerarMix and that we are not impacting our own operations with "Licensing Fees" but are burdening the company with the corporate senior level staffing. Additionally, if the divisions were separated for additional licensing purposes, additional staffing and licensing fees would once again be added to the burden and would financially impact the parent company ACTS CSI in a very positive fashion. These financial projections have been completed and are available upon request or as needed.

1. Introduction

ACTS CerarMixTM Solutions International, LLC, "ACTS CSI" or "ACTS" specializes in the design and manufacture of custom, factory-built, transportable building structures; in the construction, maintenance, repair, and rehabilitation of infrastructure utilizing our patented CerarMixTM application process; and in the provision and application of CerarMixTM, which is an abrasion resistant, ceramic spray-able polymer metallic material suitable for use on, among other things, power plants, water treatment, sewage treatment, military fortification, oil and gas production facilities, maritime applications, and pulp and paper plants. This plan will identify several different industries wherein CerarMixTM will have significant impact on improving results or longevity of service.

Important to Note: This plan is divided into three separate divisions. The first and main section of the plan identifies all three divisions, but focuses primarily on the housing and structure applications using CerarMix as the primary finish on the units. The second section of the plan is designed to serve as standalone information package pertaining specifically to the gas and oil industry which also has attached to it a separate financial overview, identifying the costs and forecasts specific to the gas and oil industry. In the event that the plans were to be separated, it would be necessary to adjust the financials for the gas and oil division to include management personnel that has been removed due to redundancy in the staff identified in the main plan. Lastly, the third section focuses on the coatings division. Although this division is huge in potential and revenue sources, we have chosen not to create a financial overview as the industry is so large and diverse that predicting market potential or market share would simply be speculative. Furthermore, most of the opportunity is related to municipal or governmental contracts which require substantial time and experience, that forecasting timelines or revenues is humanly impossible. Management acknowledges that timeliness of success in this market initially requires "relationships" already established and/or realize that the process of securing a contract may take substantial time until the CerarMix™ solution becomes more widely recognized as the premiere solution to address the failing infrastructure and the replacement of existing suppliers and their inferior products has been accomplished. Some overlap in the financials could occur due to the senior management being able to fill the positions in all of the divisions initially.

ACTS objective is to take a proactive role using a *best-in-class* and *best-in-practice* approach to improving world housing needs, and to provide high quality, cost effective solutions to the construction, maintenance, repair, and rehabilitation of infrastructure and process facilities worldwide. ACTS intends to establish some fifty (50) plus locations around the world to facilitate the growing demand for the CerarMix[™] products and services. Each location will become an individual stand-alone site that is funded, managed, and partially or wholly owned by local individuals, companies, and/or governments. Throughout the plan reference will be made to "ACTS" or "ACTS CSI", wherein one may ascertain that the content can be applicable to any of the parties involved at the local level as well.

This Business Plan will provide you, (and the potential licensee), with (i) an overview of ACTS' Company Structure; (ii) a summary of the need for ACTS' multi-purpose "Transportable" structures, which are manufactured utilizing ACTS' patented CerarMix TM ceramic spray-able polymer metallic material; (iii) an overview of ACTS' Products and

Services; (iv) Biographies of ACTS' key Executive Management Team; and (v) a five-year Financial Revenue and Profitability Forecast.

2. Company Structure

ACTS CerarMix Solutions International, LLC, "ACTS CSI" or "ACTS" was formed as a Delaware Limited Liability Company and currently operates under an official Operating Agreement. The Managing Members of ACTS CSI "ACTS", are R. Michael Buehler; and Matt Merchant. The Corporate Officers of ACTS CerarMix Solutions International, LLC, are:

R. Michael Buehler, Chief Executive Officer Matt Merchant, Chief Technology Officer Bill O'Connor, Chief Operating Officer Ed Bowles, Chief Information Officer

ACTS CSI has been "Assigned" and owns interest in the intellectual property rights of CerarMixTM and CerarMixTM application technologies through various *patents*, *trademarks*, and/or *trade secret protection*. This Intellectual Property is innovative, unique, and superior to the offerings of any potential competitor. ACTS has gone to great lengths to register and protect its interest in the Intellectual Property and has taken adequate steps to protect proprietary and significant business information known as trade secrets from potential competitors. A copy of ACTS CSI Intellectual Property portfolio is available upon request, subject to the execution of a NDNC Agreement.

3. Company Summary

ACTS CerarMix Solutions International, LLC ("ACTS" or ACTS CSI) will specialize in the design and manufacture of custom, factory- built, transportable building structures; in the construction and housing industries, as well as the maintenance, repair, and rehabilitation of municipal infrastructure utilizing our patented CerarMixTM application process; and in the provision and application of CerarMixTM, which is an abrasion resistant, ceramic spray-able polymer metallic material suitable for use on, among other things, power plants, water treatment, sewage treatment, military fortification, oil and gas production facilities, maritime applications, and pulp and paper plants, identifying a few applicable applications.

ACTS objective is to take a proactive role using a *best-in-class* and *best-in-practice* approach to improving world housing needs, and to provide high quality, cost effective solutions to the construction, maintenance, repair, and rehabilitation of infrastructure and process facilities worldwide. Below is a summary of strategic opportunities that present themselves with the CerarMixTM technology and a more detailed description of each in the following paragraphs.

ACTS will build its brand globally. ACTS will issue proprietary licenses to market, sell, develop and/or install CerarMixTM technologies. The purpose of ACTS is to license corporate entities in various strategically identified locations around the world for the purpose of establishing and operating manufacturing/production facilities for the sale and distribution of CerarMixTM technologies. Current projections are for more than fifty (50) such facilities to be established within the first five years of operations. Each of these licensed facilities will be promoting the brand name of "ACTS CerarMix" and will have the right to utilize the name

ACTS CerarMix Solutions of "appropriately named" (Locale). A licensing fee is included and will cover all advanced costs of identifying, contracting, training, and set up of the local facility.

4. Operational Divisions

ACTS has identified three (3) major operational divisions available to a licensed manufacturing/production facility. These divisions are:

- 1. Structure Fabrication, Distribution and Installation including housing, transportable units, etc.
- 2. CerarMix[™] Coating Services for Infrastructure, Construction, Maintenance, Repair, and Rehabilitation
- 3. CerarMix[™] Coated Pipeline and Material Manufacturing, Distribution, and Installation

These three operational divisions present distinct strategic opportunities for successful business creation and sustainable-meaningful growth, drive innovation, and simultaneously, address some of the most important societal challenges facing nations throughout the world.

The overall goal of ACTS is to offer compelling business strategies while creating licensed manufacturing and production facilities that will achieve growth and high performance. ACTS seeks to create a competitive advantage by designing products, services, and practices that deliver both long term commercial and societal benefits.

Market Opportunity Temporary to Permanent Transportable Structures

Modular Building Institute estimates that there are well over 500,000 code-compliant relocatable buildings in use in North America today representing \$5.5-6 Billion in annual revenue.

In recent years there has been a growing interest in temporary to permanent transportable structures. Types and uses of structures in this market space are continually developing and diversifying. Besides the benefits of speed and flexibility, they can be used as additions to existing structures or as stand-alone buildings. Buildings are not site specific and can be easily disassembled, relocated and reconfigured for various uses. Temporary/Re-locatable structures can be configured in a limitless range of designs. These structures also come with many other useful advantages as smaller buildings can be linked together, forming a multi-functional complex which can further be modified to become a permanent structure. The materials used in construction, while being quite affordable, are also significantly more durable, easily addressing issues regarding stability and security. Aside from being durable, the materials often used are also eco-friendly utilizing great amounts of recyclable material.

Re-locatable buildings "TransPortable" are particularly beneficial for organizations with changing space needs, such as school districts with fluctuating enrollment, project management offices, or sales centers that can be transferred to new locations based on need. Temporary buildings are often used for a specific time period while permanent space is being built or renovated. This may be an office building that is undergoing major renovations or a medical clinic that is being rebuilt after a natural disaster.

Sales and Leasing

About 75 percent of all inventory of re-locatable buildings in North America is controlled by the 10 largest fleet owners, with 90 percent controlled by the top 20 largest fleets. A 2011 report indicates that year after year, fleet owners are able to sell their used buildings between seven and ten years after original purchase *for at least 100 percent of the original cost*. For 2011, fleet owners reported selling units on average after 9.5 years at an average sale price to original cost ratio of 1.15:1, up from 1.01x in 2010. http://www.modular.org/documents/2012-RB-Annual-Report.pdf

Temporary structures mimic their permanent counterparts in use, design, and safety. In general, re-locatable buildings, if property maintained and operated, have useful lives comparable to any other building type. Capital improvements, such as HVAC and roof replacement, are frequently made to these units, which can extend their useful lives for several additional years. The typical re-locatable building will be moved an average of 7 times over its life. Again, this varies based on the size and type of the unit. For example, a smaller building made up of 1 or 2 modules may move 12 to 15 times over its life. Construction site offices are good examples of this. Larger complexes on the other hand may only move 3 to 5 times over their life.

In order to recoup the initial capital investment in a unit, a fleet owner typically needs to have the unit on lease for 44 months. The average lease term per customer is 24-28 months. Once the initial investment is recouped, it is not uncommon for a fleet owner to continue leasing the unit to recover the investment a second time, and finally sell the unit (on average after 9.5 years) at an average sales price to original cost ratio of 114 percent of the original investment.

Typically, units in a lease fleet are depreciated over a 20 year period with a 50 percent residual value. The economic life (different than depreciable life) of a leased re-locatable building is determined by comparing the total cost of maintaining the asset with the income producing capacity over its useful life. Cost includes the initial manufactured cost plus all expenditures for items such as maintenance and taxes incurred during its life. Income includes lease revenue during the buildings useful life and sale value upon disposition. Residual value is understood to be the anticipated "value" of the building at the end of the lease.

Over a 10 year period, the average annual return on investment of a re-locatable building sold was 18% achieved after an average holding period of 5.8 years. (Sage Policy Group 2011 report)

Corporate Strengths - Affordable, Energy Efficient, Customizable, Rapidly Deployable

ACTS Structural Designs division allows for the manufacturing and distribution of sustainable temporary to permanent units in a wide variety of industry sectors. Additionally, building components, services and financing are offered to achieve both sales and leasing in the global marketplace.

ACTS Structural Designs are manufactured utilizing CerarMix[™] technology. The CerarMix[™] technology creates structures of unparalleled strength and durability that far exceed building with conventional materials. Providing an alternative to conventional building techniques, ACTS Structural Designs offers structures that are specifically designed to present additional flexibility for the end customer. Embedding flexibility into the components and the production

process itself, maximizes the overall performance of the structures. Integrated attachments, hinged and sub-component mating designs offer as much end result flexibility as possible.

Structures utilize a panelized building system. This is a method of engineering, manufacturing, and assembling a structure, in a factory setting where it is then shipped to a project site and placed on a prepared surface or as a standalone-self-contained structure, so that it will function and perform with very predictable results.

Structures provide eco-friendly building solutions that can be deployed within a few days and virtually all structures can be completely set up within hours of delivery. Structures can be temporary or permanent as needed. Structure designs are aesthetically pleasing, fully customizable, and economically feasible.

Structures have many uses and applications in a variety of industry sectors. Structures can be built to virtually any dimension, height, width and length. Furthermore, structures can be designed to stack upon each other up to seven levels if needed to preserve the footprint. Roof designs, stair wells, walkways, elevators, etc. are determined by the overall size of the structure and engineered accordingly. Different sizes, square footage, fabricated operations and finishes are achieved with minimal changes to the basic structure and required operations.

With over 20 years of testing an anticipated lifespan of 99+ years can be expected. All units are self-contained with no structural modification required once delivered to the site. Set-up costs are kept to a minimum due to quality engineering and ease of setup. Panel construction allows structures to be fully customizable and can be assembled in short periods of time. The environment does not hinder the structure's performance or setup once a pad has been prepared.

Target Market

ACTS Structural Designs are suitable for a myriad of lease/sale applications such as:

- > Residential
- **▶** Education
- General Office
- Retail
- Healthcare
- ➤ Worker Camps

- ➤ Construction-site & in-Plant
- Military/Police/Border Patrol
- Security & Command Posts
- ➤ Communications & Data Centers
- Dormitory Housing
- ➤ Emergency Shelters/Disaster Relief

Residential: As of 2012, the World Bank and United Nations reported the housing shortage in only 16 markets was estimated at 35 million units representing \$600 -\$700 billion in needed housing alone. This represents less than 40% of the global marketplace, which indicates that more than a \$1,500,000,000,000 worth of housing is currently needed globally.

Education: In a 2011 report, school districts across the U.S. are collectively the largest owners of re-locatable units for classrooms, with about 180,000 units. California schools own close to 90,000 units; Texas schools own about 20,000; and Florida owns about 17,000. Typically larger school districts with high growth are more likely to own the units. States like Georgia, North Carolina, Virginia, and Maryland own and operate about 3,000 units each.

Commercial/Industrial/Office: When production demands increase, re-locatable buildings can temporarily enlarge a current facility without permanent alterations to the site. Because the

space is not permanent, many companies are able to expand without the budget approval process necessary for traditional capital expenses. Re-locatable storage, warehouses, and offices can be single and multi-story buildings configured to expand facilities. Large and small businesses, as well as local and state governments, are typical users of re-locatable structures.

Retail: Earlier occupancy means quicker return on investment. For retail occupancies, this can mean significant cash flow advantages. Standard floor plans are available for immediate delivery while custom structures are built to customers' specifications in weeks, not months. Typical retail applications include new home sales centers, banks, golf pro shops, automobile dealerships, college bookstores, portable kitchens, concession stands, etc. If a client's emerging business needs are short term, temporary structures will accommodate their financial situation, space requirements, and deadlines.

Healthcare: Re-locatable buildings for healthcare applications are designed and constructed to uncompromising standards of quality. A customer's new clinic, hospital extension, laboratory, diagnostic center, MRI unit, dentist office, or other medical facility can be open for business and serving communities in as little as a few days. Facilities are designed to offer quick, quiet, safe, and clean buildings with an unlimited choice of interior décor, furniture, and equipment leasing. Additionally, CerarMix[™] is impervious to bacteria or germs; Therefore maintaining a sanitized environment is much more easily obtained.

Construction-site & In-Plant: Re-locatable structures have their roots in construction-site trailers, where speed, temporary space, and re-locatability are important. Used as standard field offices, construction-site and in-plant buildings are available as single or multi-story units for industrial environments with noise-reducing insulation and are typically moveable by forklift and include electrical and communications wiring, heating, air conditioning and plumbing.

Security: Re-locatable structures can be custom built for a variety of access and control situations. Toll booths, tickets sales offices, guard stands, and weigh stations are common applications. Heavy-duty storage units are ideal for construction-site storage, equipment storage, warehousing, record keeping, industrial manufacturers, retailers, and others.

Communications, Data, and Equipment Centers: Economical and convenient equipment and storage buildings offer onsite protection from inclement weather and theft. Re-locatable buildings offer durability and strength. Equipment shelters, temporary generator housing, and other applications can be as simple as replacements to steel containers with CerarMixTM units that are heated and air conditioned with exteriors of brick, stone aggregate, or stucco facades.

Emergency Shelters/Disaster Relief: Re-locatable structures provide fast, transitional shelter and basic community needs following natural disasters. Re-locatable buildings can be quickly and efficiently deployed for self-contained emergency housing, medical centers, food commissaries, educational needs, or to accommodate relief workers while providing safe and sanitary shelters.

Military/Police/Border Patrol: The Department of Defense authorizes the use of re-locatable structures instead of conventional permanent construction when the duration of the requirement is uncertain, such as in a contingency operation or when permanent construction is not practical or when the space is known to have a recurring mobile requirements, such as the need to move a field office to different sites on a training range. CerarMix[™] Structures can also be made bullet resistant and have been tested to withstand a 50 caliber ballistic shot. Structures are used

for dormitories, cafeterias, communication centers, equipment storage, medical facilities, weapon storage, etc.

Police/Sheriff Departments deploy re-locatable structures to accommodate the need for additional holding facilities, office space to contain booking photos, conduct interviews and Breathalyzer tests. Structures are also needed for staging additional police services during special large-scale events.

There are currently 21,000 + Border Patrol agents in service in the U.S. Facilities supporting Border Patrol agents in the field include buildings and other structures at Border Patrol sector headquarters, stations, checkpoints, and remote forward operating bases. In 2008, the Border Patrol's permanent facilities included 143 stations and 20 sector headquarters buildings. By 2015, Customs and Border Protection (CBP) plans to complete 29 new Border Patrol stations, 1 new sector headquarters building, 5 vehicle maintenance buildings, and 7 checkpoint projects for a total estimated cost of \$1.1 billion. http://www.oig.dhs.gov/assets/Mgmt/OIG_09-91_Jul09.pdf

Worker Camps: The North Dakota oil and gas workforce has increased from 5,000 in 2005 to more than 30,000 today. About 20,000 wells will be drilled within the next 10-20 years. The number of workers is expected to continue to climb throughout the drilling phase, numbering in the thousands. Re-locatable structures provide the best solution to facilitate turn-key rural housing and storage solutions to accommodate their workforce. Similar worker camps are needed to serve other industries as well throughout the US marketplace and around the world.

Custom workforce housing can be quickly deployed to create a remote construction village and removed when the project is completed. Remote camp solutions include bunk houses, dining, laundry, shower, medical and recreational facilities, portable well sites, storage, offices and more.

Product Highlights

CerarMix[™] Coated Panelized Building Technology: ACTS' transportable building structures are manufactured utilizing CerarMix[™] technology. CerarMix[™] structures are truly game changing and provides an alternative to the current temporary to permanent building products. CerarMix[™] structures are unique. CerarMix[™] technology creates structures of unparalleled strength and durability that far exceed buildings of conventional materials, or for that matter any other current technology being used today. CerarMix[™] structures can be assembled in a very short period of time making them the perfect solution to temporary needs.

ACTS applies the proprietary and patented CerarMix TM coating to the panel technology that is the backbone of every dwelling and multi-purpose transportable temporary to permanent structure. CerarMix TM is applied using a sophisticated and patented spray system. When CerarMix TM is applied the coating is dense, corrosion and heat resistant, and inert to acids, alkali and solvents. Because of the high energy application method, CerarMix TM has a higher particle-to-particle cohesive bonding which translates into higher quality coating.

Pre-Engineered, Factory Built, Fully Customizable Transportable Structures: ACTS innovative, flexible designs along with the highest quality materials ensure buildings at the best price in the fastest timeframe. The company's goal is to help customers rethink what is possible in building design and functionality. The company's strategy is to position itself to meet the

needs of the global market, no matter how challenging the location or the environment. From concept to completion, the company seeks to grow an experienced team of professionals to work with customers to ensure they receive precisely the product they need. CerarMix $^{\text{TM}}$ structures provide top quality buildings and service at affordable prices with the permanence and performance of the latest in advanced building techniques.

Unique Fabrication Process: ACTS state-of-the-art fabrication facilities will integrate the best practices in design and workflow, integrating our building's skin with a steel frame design. Each structural component is built to comply with location and environmental specifications. The unit's unparalleled strength is the result of combining a bio-fiber core with an integrated reflective media.

All units are self-contained, with little to no structural modification required once delivered to the site. Set-up costs are kept to a minimum due to quality engineering. Panel construction allows structures to be fully customizable and they can be assembled within hours with minimal human resources. The environment does not hinder the structure's performance.

ACTS' CerarMixTM structures are at their best in the most challenging environments. No matter where our structures are called on to perform they will stand up to the most extreme circumstance. Hazardous forward locations, locations in extreme heat or cold, or locations where maximum security is required are all environments where ACTS structures excel and where our CerarMixTM process will provide a construction methodology unparalleled by any other process available currently.

Pre-engineering Ensures Quality, Dependability, and Affordability: ACTS pre-engineered, flexible designs, along with the highest quality materials, ensure building at the best price in the fastest timeframe. The ACTS' construction process is patented and the CerarMixTM technology creates structures of unparalleled strength and durability that far exceed buildings made out of conventional materials.

ACTS designs its structures for ultimate flexibility, offering more options for an even more efficient usage of space. Additionally, ACTS has the ability to design, engineer, and manufacture virtually any design and usage requirements into the units we produce. Emphasis is always focused on mass production of any one design in order to maximize production of units while maintaining the lowest overhead. Special orders from clients are accepted based on the volume and cost efficiencies impacting the final price structure.

Environmental Commitment: Unlike other protective coating systems, CerarMix[™] formulations are based on formulations developed over the past 20 years and represent the ultimate solution in a green approach. ACTS environmental commitment is at the core of its building philosophy. This commitment extends across all company operations and through the full life cycle of its products. ACTS seeks to develop and manage its technologies to deliver the right building, at the right time. To reduce manufacturing waste, ACTS will continuously refine the building process, recycle materials, and work to recover energy where possible. Much of the construction composition is derived from recycled materials, causing for substantial recycling capability of our finished product in the future should that desire arise. More than 1,000 specific formulas have been engineered to meet the demands presented to us previously.

Structure Features

Bullet-proof Capable: Structures offer a unique bullet-proofing option. With this option, the structure's walls, ceilings, & floors are increased to 2 layers of 4.5" walls, attached together. Styrofoam is used for insulation values in the internal wall and sand is utilized (sometimes combined with other materials) in between the external walls, ceilings, & floors according to the customer's specifications. The standard 4.5" external wall has been rated to withstand up to 50 mm ballistic assault rifle impact. Bullet-proof capability can be designed to handle threat levels from level 1-6 with construction options for each level.

Termite - Vermin proof: Since there is no food value in the CerarMixTM Skin or the premium Styrofoam insulation, vermin are not attracted to it, and they do not have the ability to penetrate the structure.

Water Proof: All materials used in the structure are comprised of inert matter and are not adversely affected by chemicals, moisture, fire, heat, mildew, mold, or any other natural or manmade materials.

Chemical Resistant: To date there is no known inorganic or organic chemical that will have an adverse effect on the CerarMixTM skin used in the structure.

Mold-Mildew Resistant: Due to the usage of inert matter and no open porosity, structures do not support the growth of mold and the construction materials and assembly process prevents condensation in both the production and assembly process.

Fire Retardant: Structures can withstand considerable heat for prolonged period of time, again due to inert matter that is utilized. Reports are available upon request and qualification by interested buyers.

Does Not Rot or Decay: The CerarMixTM used as the protective interior and exterior skin in structures has withstood over 20 years of environmental testing and these tests sites remain 100% intact and functional. The life expectancy of the components and the manufactured structure will exceed 99 years.

Infrared Stable: The structure's CerarMixTM skin reflects 98% radiant energy applied to it; heat from sun, infrared light/heat, visible light, fire, or other form of heat production. As the CerarMixTM skin does not build up heat, it does not transfer heat.

Thermally Stable: The CerarMixTM used to create the interior and exterior structure's skin has the same thermal stability regarding dimension expansion and contraction as Pyrex.

Ultra Violet Ray Reflective and Stable: The composite materials in CerarMixTM will not break down when exposed to sunlight and is completely unaffected by ultraviolet light. The CerarMixTM skin of the structure will always look great, won't fade or lose reflectivity.

Environmentally sustainable dwelling and multi-purpose structures offer innovative, flexible designs along with the highest quality materials ensuring building at the best price in the fastest timeframe. Structures start with technologically advanced materials including lightweight Galvalume steel frames, premium insulation and a patented CerarMix TM skin. The construction process and the CerarMix TM technology are patented and create structures of unparalleled strength and durability that far exceed buildings made out of conventional

materials. All of the components used in the structures are pre-engineered and assembled under one roof. Additionally, the flexibility of design is unlimited.













Components: The various components that make up one of these structures are: (1) a steel frame using the same engineering specifications for sturdiness as utilized in containers for oversees transport; (2) premium insulation; (3) standard manufacturer's upgrades such as electrical, plumbing and HVAC, solar and waste disposal systems; and (4) interior walls and roof kits.

Steel Frame: The frame consists of galvalume steel which is coated with an aluminum and zinc alloy that inhibits the prospect of rust. Finished structures meet all engineering specifications to allow structures to be shipped as self-contained "shipping containers" for overseas transport by surpassing ISO mandates.

Premium Insulation: ACTS first choice of materials for insulation is ultra-high density Styrofoam which contains no chloro-fluoro carbons (CFCs) and no formaldehyde. Additionally, bio-fiber from rapidly renewable agricultural resources, indigenous to a specific region of the world may also be used for insulation.

Interior Walls: Standard interior walls are 4.5" thick and may be added to define space. ACTS can design & utilize walls made to specifications that are either narrower or thicker based upon desired usage. All wall material creates substantial sound proofing qualities as well. Utilizing standard thickness allows for off the shelf components to be used in production as well as aftermarket upgrades. However, for large production runs for specific orders, a 2" thick CerarMix[™] wall will provide greater results than existing technologies, while reducing final production costs even further. These moveable walls are attached by means of a tongue and groove channel or a slotted system.

Millwork: Interior and exterior walls of the CerarMixTM structures are 4.5" thick to accommodate standard millwork from the manufacturers of windows, doors, skylights, and other after-market enhancements.

Electrical: An electric panel with circuit breakers can be designed into the structure and is specific to the region or country, voltage requirements, and local building and electrical codes. Cable, Internet, telephone and sound, etc. can also be pre-wired into the structure.

Plumbing and Waste Disposal: Numerous plumbing and waste disposal options can be used in accordance with building codes for a specific region. Options may include a compost toilet with a water recycling system, a septic tank hook up, or a store and purge tank similar to RVs that would require periodical pumping or dumping.

HVAC: With the use of the patented CerarMixTM technology and premium insulation, structures are less dependent on traditional HVAC systems.

Solar: A solar electrical system includes a battery storage system, a converter as specified for the region, and a breaker control box. Heating, cooling, lights, and air conditioning can be run off the solar system or any available power source.

Roof Pitch Kit: Roof kits are specifically engineered to fit a structure's dimensions and contain all of the components necessary to meet all local building codes.

Storm Panels: CerarMixTM storm panels are available and are comprised of the same materials as the structure itself and are engineered to fit a structure's window and door dimensions.

Anchoring: CerarMixTM structures are engineered to withstand winds of 185 mph. To secure a structure against shifting during severe windstorms, and to add structural strength, ACTS offers a system of ground anchors. These anchors take only minutes to install and they adjust in seconds to the exact height requirements of the structure to the local terrain.

Other Amenities: CerarMixTM structures can be designed to facilitate "after-market" interior and exterior structural amenities such as ramps, steps, safety rails, decks, security systems, etc. ACTS has developed partnerships with builders to facilitate upgrades and enhancements to our structures on a localized basis. ACTS will train local companies and will oversee projects as needed by dispersing project managers globally.

Structure Benefits

- Superior Quality;
- Saves Time;
- Saves Money;
- Energy Efficient;
- Flexibility;
- > Self-Contained:
- The structure's skin is combined and integrated with steel stud design;
- > State-of-the-art fabrication facilities integrate best practices in design and workflow;
- Each component is built to comply with precise location and structural specifications;
- The structural composite is combined with a bio-fiber core and heat reflective media;
- > The structures deliver unparalleled strength;
- Excellent energy ratings are built into the structure from the ground up;
- Little to no structural modification required once on site;
- ➤ Reduced labor and material cost to complete the setup and installation;
- > Set-up costs kept to a minimum because of quality engineering;
- ➤ Ideal for both temporary and permanent applications;
- > Structures can be designed to meet the requirements for any application;
- > Structures are shipped complete with fittings, materials, attachments and tools.

Customization

ACTS employs a marketing and business strategy using flexible panelized manufacturing processes not only to produce standardized models, but also varied and often customized production runs. ACTS approach is to be sensitive and responsive to the customer's specific needs. ACTS translates its ability to produce numerous product options into customized purchasing, and consumption for its clients. ACTS goal is more than just mass customization, it is a business strategy to enhance its marketing and customer interfaces to be buyer-centric.

After mass-production runs, ACTS has the opportunity to create a "cottage" industry and secondary market to offer an unlimited number of enhancements and upgrades to further satisfy the customer's specific needs. These customized services offer increased income opportunities. Some but not all, of the value-added products or services that may be offered to enhance the CerarMix $^{\text{TM}}$ structure include:

Interior finishes: Structures will accommodate cabinetry, virtually any choice of interior enhancements available to traditional construction including wall textures, lighting, kitchen and bath fixtures, flooring, counter tops, and more.

Exterior Cladding and Enhancements: Exterior cladding may include any of the following materials: aluminum, smart-panel, wood siding, cement panel, stone aggregate, brick veneer, stone veneer, vinyl siding (vertical or horizontal), cedar, limestone, pre-cast, stucco, slate, even concrete block. Custom trim around the exterior of the structure such as roofing and rain gutters are also some improvements that may be offered based on the structure's use.

Windows: Structures accommodate aluminum, vinyl, wood, or steel windows. Windows may be vertical slide or double hung, horizontal slide, awning, crank-out, fixed, glass block, single pane, double insulated, skylights, and other after-market enhancements.

Doors: The doors for a structure can be virtually any choice available to traditional construction such as insulated hollow metal, aluminum glass storefront, solid core wood, vinyl clad, aluminum, French, and hollow core wood.

Trim: Structures will accommodate virtually any choice of trim available to traditional construction including baseboards, casings, crown moldings, and railings.

Appliances: Structures can be designed to accommodate the pre-wiring and plumbing necessary for a full range of standalone or built in appliances including microwaves, refrigerators, stoves, ranges, cooktops, ovens, dishwashers, disposals, etc.

CerarMixTM Paint: CerarMixTM interior paints possess attributes beyond the decorative aspect which contributes immensely to the well-being and health of people using the structure. Using CerarMixTM interior paint creates a comfort-climate. Allergen free, rooms are kept at the correct room temperature and humidity level. CerarMixTM exterior paint provides high resistance against environmental factors such as smog, acids, salt and ozone, UV-rays and other types of surface deterioration.

Market Opportunity: Industrial/Commercial and Protective Coatings

Infrastructure, Construction, Maintenance, Repair, and Rehabilitation

The need to construct, maintain, repair, and rehabilitate infrastructure is a global imperative. The current market potential related to the construction, maintenance, repair, and rehabilitation of the United States' Municipal, State and Federal infrastructure highlighting water and wastewater treatment facilities, roads, bridges, power plants, etc. is in the Trillions of dollars.

Projects include the installation of new infrastructure and the rehabilitation, expansion, or replacement of existing infrastructure. Projects are needed because existing infrastructure is deteriorated or undersized, or to ensure compliance with regulations. Cost estimates assume comprehensive construction costs including engineering and design, purchase of raw materials and equipment, construction and installation labor, and final inspection.

Public Water System \$384.2 Billion - A twenty-year (2011 -2030) capital improvement for the U.S. public water system infrastructure is needed to ensure the public health, security and economic well-being of cities, towns, and communities.

There are approximately 155,000 public water systems in the United States plus 52,000 community water systems and 21,400 non-community water systems. Additionally, there is 1.8 million miles of network pipes, 16,000 publicly owned wastewater treatment plants, 100,000 major pumping stations, 600,000 miles of sanitary sewers, and 200,000 miles of storm sewers. (http://www.usmayors.org/publications/201002-mwc-trends.pdf). For these water systems to continue to provide safe drinking water to the public a substantial long-term investment is needed in pipes, plants, storage tanks and other assets.

Several factors significantly influence the projected estimates of total government spending over the next 20 years. Besides population growth, the replacement of above ground treatment

works that are approaching the end of their useful life is of great concern. Additionally, the requirement for more advanced levels of energy intensive water treatment technology is needed to address 1) an increased number of water contaminants such as those entering water bodies from consumer and pharmaceutical products; and 2) the reuse of wastewater for potable purposes; and, 3) recovery of brackish water from groundwater sources and the ocean for potable purposes.

CerarMix[™] Coatings applications are targeted for the following:

- Transmission and Distribution Pipe Systems (safe level water pressure)
- ➤ Wastewater Sludge Management Systems
- Water Treatment Systems
- Sewer Systems
- Collection and Conveyance Facilities
- Storage Facilities
- Storm Water Basins & Stream bank Stabilization
- Water Reservoirs
- Source Development

Bridge Restoration and Reconstruction \$328 billion - A sixteen -year (2012 - 2028) capital improvement is needed for deficient bridges across the United States.

Over two hundred million trips are taken daily across deficient bridges in the nation's 102 largest metropolitan regions. In 2012, one in nine of the nation's bridges were rated as structurally deficient. The nation's 66,749 structurally deficient bridges make up one-third of the total bridge decking area in the country. The Federal Highway Administration (FHWA) calculates that more than 30% of existing bridges have exceeded their 50-year design life, meaning that maintenance, repair, and rehabilitation programs will require significant investment in the upcoming years. The FHWA estimates that to eliminate the nation's bridge deficient backlog by 2028, we would need to invest \$20.5 billion annually, while only \$12.8 billion is being spent currently. (http://www.infrastructurereportcard.org/a/#p/bridges/investment-and-funding).

$\textit{CerarMix}^{\text{\tiny{TM}}} \textit{Coatings applications are targeted for the following:}$

- ➤ Enhance Structural Integrity
- Corrective Maintenance, Rehabilitation, Restoration
- Upgrade Structural Capacity
- Freight Mobility and Vehicular Load Upgrades
- ➤ Local Street Connectivity Improvements
- Pedestrian Access
- ► Landscape Restoration
- Storm Water Upgrades

Wood Utility Pole - Fire Protection Individual pole replacement and disposal costs average \$12,900 per pole.

There are an estimated 160-180 million wood utility poles in use across North America. Individual wood utility poles remain in service for 45 to 100 or more years. Research has

demonstrated that a properly maintained wood utility pole will have a service life of 75 years or more. Over 99% of all distribution lines and a significant portion of lower voltage transmission lines are continued to be built with wood. Available supply, cost, and ease of handling and installation are all factors in this. A study by the utility industry concluded: "The bottom line is that treated wood offers the most energy-efficient, functional, cost-effective and practical material for use by electric utilities in providing electrical service to the public." http://www.woodpoles.org/FAQ-America.html

In order to assure safety and achieve maximum service life, wood poles should be inspected on a regular basis to identify early stages of decay and take the needed preventative measures. Wood utility poles are typically protected from fire damage through the use of coatings, wraps or barriers and vary in application method, cost and function. Having been approached by the industry, a CerarMixTM Pole Wrap was designed to maximize the protection and longevity of poles.

Approximately **2-4 million poles are installed annually** due to new construction, poles reaching the end of their useful service life, damage from severe weather and other reasons. https://www.bchydro.com/content/dam/BCHydro/customer-portal/documents/corporate/safety/draft-2014-2019-pest-management-plan-for-wood-structure-maintenance.pdf

CerarMix[™] Coatings applications are targeted for the following:

- Pole Restoration Wrapping & Fluid Application
- ➢ Pole Replacement
- Pole Strength Upgrading
- Decay Maintenance

Marine - Bio-fouling & Corrosion Control \$10-\$40 sq. ft. + Surface Preparation Costs

Marine bio-fouling, the undesired growth of marine organisms such as microorganisms, barnacles and seaweeds on submerged surfaces, is a global problem for maritime industries, with both economic and environmental penalties. The primary strategy for combating marine fouling is to use biocide-containing paints, but environmental concerns and legislation are driving science and technology towards non-biocidal solutions based solely on physicochemical and materials properties of coatings.

It is well established that bio-fouling on ships increases the surface roughness of the hull which, in turn, causes increased frictional resistance and fuel consumption and decreased top speed and range (eg Kempf 1937; Benson et al. 1938; Denny 1951; Watanabe et al. 1969; Lewthwaite et al. 1985; Leer-Andersen and Larsson 2003; Schultz2007). In order to control the problem of fouling, antifouling (AF) coatings are used. Most of these coatings incorporate biocides which are toxic to marine organisms and may impact non-target species. The impact of biocides on the environment has led to legislation regulating their use (Champ 2003). http://www.tandfonline.com/doi/full/10.1080/08927014.2010.542809#.UxVeqvldWSo

There are really only three mainstream categories of hull coating systems available and in use today. They are Antifouling (AF), Fouling-release (FR) and Hard, inert, non-toxic coatings. The most common hull coatings in use today, antifouling paints based on copper and a variety of other biocides, are considered by most of the industry to be a temporary and undesirable solution, and the search for the perfect hull coating system continues unabated in universities, research centers, and chemistry and biology labs around the world. Currently, the average coating life-expectancy is 12-18 months. *CerarMix*TM *Maritime Coatings* provide more than

five times the life span than any other product available today. http://itsligo.ie/files/2010/02/Overview-of-Available-Controls.pdf http://itsligo.ie/files/2010/02/Overview-of-Available-Controls.pdf www.sustainableshipping.com/library/view paper?item id=85

CerarMix[™] Coatings applications are targeted for the following:

- ➤ Hull Corrosion, Erosion, Cavitation Prevention
- ➤ Hull Protection, Maintenance and Anti-fouling
- ➤ Hull Cleaning/Surface Preparation
- ➤ Hull Coating Application

Roof Restoration - Structural Enhancement & Thermal Coating In 2014, the global paints & coatings market is forecast to have a value of \$105.8 billion, an increase of 15.4% since 2009. Restorative roof coatings remain the fastest-growing product segment in the fluid-applied roofing market. Thermal coatings serve as an insulation to reduce energy costs up to 40%, particularly in hot and humid environments, protecting against overheating, corrosion, microbial growth, some toxic substances, acid rain, rust, water, and oxidization, as well as ultraviolet rays harmful to structural materials over time. It may be directly applied to virtually any surface, from wood to metal, often without the need to remove existing coatings. It neither emits nor retains odors, and it is very more affordable and durable than current applications.

Overall, restorative roof coating attributes potentially bode well for a world in which insulation demand is forecast to increase at 5% annually in the years ahead. The market primarily will be driven by factors such as surging energy prices and the need to curtail cooling and heating costs through greater insulation efficiencies, increased plant refurbishments, and growing opportunities from niche markets. The construction industry demonstrates the clearest trend toward adoption of new technologies. Insulation-related demand covering both residential and non-residential markets is forecast to expand. http://nanolabs.us/press-releases/nano-labs-ctle-reports-on-market-growth-and-trends-for-next-generation-thermal-insulation-products/#sthash.BgbM9Mqb.dpuf

Corporate Strengths - Structural Enhancement

ACTS CerarMix[™] Coating, which is an abrasion resistant, ceramic spray able polymer metallic material is designed to help address the need for overall cost effective, energy-efficient, sustainable, and lower-maintenance building techniques that ultimately provide innovative solutions... no matter what the project specifications call for.

CerarMix[™] coatings are designed to help improve the durability and enhance end product capabilities. CerarMix[™] coatings offer advanced solutions which incorporate new types of processing techniques and product formulations. CerarMix[™] coatings bring performance enhancement, innovative thinking, technical expertise and process improvement. And CerarMix[™] technologies can help reinvent the future of building materials protection with innovative collaboration to meet the specific needs of any project. Any item that requires an industrial and/or structural coating is a market for CerarMix[™].

CerarMix TM offers the physical strength, toughness and durability that is unprecedented in a ceramic spray able polymer metallic material. This advanced material enjoys high abrasion resistance. In fact it is five (5) times better than silica carbide for this purpose and scores a hardness of nine (9) on the MOHS scale, just one step below that of diamonds. It provides all of the durability of 2205 duplex stainless steel without the cost of steel. CerarMix TM provides superior protection from extreme heat, corrosives and ultraviolet radiation. CerarMix TM is also

a zero fuel, zero fire, and zero smoke material, making it a superior choice for offshore facilities, shipboard applications and other uses requiring fire, fuel, and smoke protection.

CerarMix[™] Coatings applications are targeted for the following:

- > Residential, Commercial Buildings
- Office Buildings
- Retail Buildings
- Medical Facilities
- Converted Storage Containers
- Marine Vessels (yachts, workboats, barges, military craft)
- ➤ Wall & Floor Systems
- Vehicular Roofs
- Military Venues
- ➤ And many more!

Target Markets Housing

CerarMix[™] solutions for protective coatings span a broad range of applications from durable anti-corrosion coatings used in bridges and other steel structures to specialized coating used for potable water, human contact, or chemical resistance. Selecting the best CerarMix formula will depend on the desired protective coating properties and overall performance.

Tanks/Storage Vessels: CerarMix[™] is abrasion and corrosive resistant, unaffected by UV light and structurally superior to steel and other similar products; these properties make it the only product worth considering when producing new tanks or relining old storage vessels. An application of CerarMix will lengthen the lifespan to any storage vessel (for a period of time in excess of its original lifespan), and decrease down time due to structural disintegration and corrosion.

Power Generation: Flue Gas Desulphurization, Chimney Liners, Ash Removal, Jet Bubble Reactors, chimney liners and ash removal constantly require repair and replacement, this can be costly and timely. CerarMixTM is abrasion resistant, corrosion resistant, reflects heat, is stronger than steel and is not affected by UV light, thus saving money and decreasing downtime.

Structural & Bridge Capabilities: Modern bridges currently have a design life requirement of 120 years, and the performance of the protective system is a critical factor. CerarMix[™] has the ability to reduce the number of maintenance cycles and have a significant impact in whole life costs. CerarMix[™] is effective as a coating alternative to other protective coating systems and can be used on Tub Girders, Plate Girders, Structural Steel, Light Steel, Steel Plates, Weldments and Assemblies, Steel or Aluminum Piping, Columns, Highway Sign Support systems, Guard Rails & Light Poles, Dock & Marine Items Including Sheet Pilings.



Storm Shelters: In many parts of the United States and the world, tornadoes, winds, fire, or other natural disasters plague the regions. ACTS CSI has designed and adapted the CerarMix[™] Shelter to be placed above or below ground to serve as a safety bunker. In cases where the unit is placed below ground it becomes virtually impervious to any and all threats presented by nature. The same effect can be

obtained above ground so long as suitable anchoring is implemented. The shelters can be made in virtually any size and be attached to each other on site to accommodate any desired occupancy count.

Utility: Utility Pole Wraps, Enclosures, Pedestals, Transfer Pads, Cable Markers, U-Guards, Guy Markers, & Conduit. CerarMix[™] Pole Wraps are cost effective, easy to install, composite shields that provides excellent protection from fire, abrasion, mold, termites, rot and animals.

Misc. & Ornamental Capabilities: CerarMix[™] is a remarkable technology with a range of uses limited only by one's imagination. As with any coating system, proper surface preparation and correct application equipment is required. CerarMix[™] coatings are significantly effective in decorative and architectural design. CerarMix[™] can be used on Stair Systems, Hand Rails, Safety Rails, Catwalks, Fencing, Bollards, Gates, Screens, Pedestrian Walkways, Ramps & Fire Escapes, Canopies, Facades & Entrance Ways, Grills, Grates, Enclosures & Cabinetry, Gutter Systems & Downspouts, Roofing, Decking & Over hangs, Steel & Fire Doors systems.

Here is a partial list of other CerarMix[™] Coating Applications:

- Coating / Lining/Repairing water or sewer reinforced concrete pipe (RCP) Using C1 and AR1, respectively;
- ➤ Coating concrete manholes and catch basins, using ACTS' "three layer" coating System;
- ➤ Coating concrete valve boxes, wet wells, pumping stations, and concrete tanks (aeration and settling tanks, etc. in water and wastewater treatment facilities);
- Coating the interior and exterior of steel tanks;
- Coating / Lining pipes (cast iron and ductile iron) in pulp and paper mills;
- Coating and containing asbestos on piping and HVAC ducts;
- > Coating / Lining for containing hazardous materials in landfills;
- > Spraying the interior of steel hulls and void spaces on Naval and Commercial Vessels;
- Repairing FRP pipe and vessels (tanks) made of Fiberglass;
- ➤ Coating Bridge Steel and steel used to support overpasses on roadways;
- ➤ Coating and/or fabricating "planks" for use in constructing Boardwalks;
- Coating shingle roofs on house;
- Coating the exterior siding of houses located in "marine" locations;
- > Coating built-up roofing systems on casinos, hotels and other types of buildings;
- Coating steel pipe racks in process plants;
- ➤ Coating / Re-lining Digesters in wastewater treatment plants;
- Encapsulating 55 gallon drums of hazardous and chemical waste that are to be buried in "contained" landfills;
- Coating for concrete, ceramic tile, or brick-faced retaining walls (such as lining Existing tunnels, and retaining walls that run along highways).

12,000 gallon Fuel tanks Coated Inside and Out









Coated Cement Truck Chutes



Product Highlights

CerarMix[™] Formulas and Equipment

CerarMix[™] is a ceramic-metallic composite material used to improve performance and extend the useful lives of products made from fiberglass reinforced polymers ("FRP"), concrete, metals and bio-materials. CerarMix[™] provides superior abrasion, corrosion, and erosion resistance, structural strength and fire-retardency; and CerarMix[™] dramatically reduces manufacturing costs and the use of petroleum-based plastics.

<u>CerarMixTM uses proprietary nanotechnology to crosslink polymers, ceramics and metal</u>s in order to meet specifications that exceed those of conventional materials. CerarMixTM is the result of combining ordinary, abundant materials into a new material that functions in extraordinary ways. *Using nanotechnology to change how these materials behave at the molecular level, CerarMixTM is a product that has been engineered to produce high performance results that will revolutionize how societies build and maintain the world's infrastructure.*

CerarMix[™] formulas are customized for each application to achieve the best results. Although there are over 1000 formulas for CerarMix[™] applications in use today, more than 90% of these applications utilize one of two specific formulas of CerarMix[™] powder. The

specific application determines what other components and chemicals along with CerarMix $^{\text{TM}}$ is needed to obtain the desired result.

CerarMixTM C1 Formula Specifications

- > Fire resistant;
- Does not degrade due to UV;
- ➤ Mold and Mildew Resistant.
- Provides corrosion resistance for FRP, concrete & metals;
- Used for pipes, tanks, manholes and covers, protective pole wraps.

CerarMixTM AR1 Formula Specifications (Similar attributes as C1)

- Provides abrasion, corrosion and erosion resistance;
- > Chemical, mining and hazardous materials applications;
- ➤ Used for pollution control equipment in the power generation industry;
- ➤ Bond Strength: Concrete: >400psi, Steel: 1,200psi;
- \rightarrow Indentation: MIL D 3143F (None);
- ➤ Heat Resistance: 400°F Continuous, 600°F Transient;
- Flammability: UAB DTRC MIL STD: 2301;
- > (Self-extinguishing after 30 minute exposure 800°F);
- Thermal Expansion: 6.5 x 10⁻⁶
- ➤ Hardness (Diamond = 10F): Moh: 9F;
- Polymer Hardness: Barcol: 80;
- \triangleright Tensile Strength: ASTM D 307: 9,500psi;
- ➤ Flexural Strength: ASTM D 790: 21,300psi;
- \triangleright Modulus of Elasticity: ASTM D 790: 0.9 x 10⁶;
- \triangleright Abrasion Resistance: ASTM D 4060 CS 17;
- > Impingement Test: Negligible loss and 40% improvement over 2005;
- Duplex Stainless Steel.

CerarMix[™] Superiority

From structural integrity to safety and environmental concerns, CerarMixTM coatings can be applied to not only industry equipment, but structural elements as well. CerarMixTM is a high performance structural coating formulated to meet any application requirement where upon curing, produces an adherent coating that is visually uniform. CerarMixTM has been intensely evaluated. Numerous and on-going performance test reports show the superiority of CerarMixTM coating formulations.

CerarMix[™] meets or exceeds standard specifications for improving the life and performance of structural components as it relates to lifecycle costs impacted by corrosion, erosion, and fire/heat control. These major processes can cause catastrophic failure to the overall structural value of an existing surface.

CerarMixTM forms a bond with an existing surface as it improves its production capabilities, durability, and extends its useful life. The use of CerarMixTM to repair and develop new infrastructure provides unsurpassed advantages in the following areas:

- Property
- Cyclic Weathering/Exposure
- Resistance to Wind Driven Rain
- Wet Tolerance
- > Fire Resistance
- Hardness
- > Shear Strength
- > Tensile Strength
- Elongation
- Tear Strength
- > Fungal Resistance
- Water Vapor Transmission
- Abrasion
- Adhesion
- ➤ Fluorescent UV/ Condensation Exposure
- Salt Spray (fog) Resistance
- > Freeze Thaw Stability
- > Impact Resistance
- > Flexibility
- Rusting
- Blistering
- Adhesion
- Color Retention
- > Environmental Safety

CerarMixTM Spray Equipment

ACTS applies CerarMix[™] through the proprietary and patented CerarMix[™] coating processes using sophisticated spray systems. When CerarMix[™] is applied, the coating is dense, corrosion and heat resistant, and inert to acids, alkali, and solvents. Because of the high energy application method, CerarMix[™] has a higher particle-to-particle cohesive bonding which translates into a superior, quality coating. To insure the quality control standards set by ACTS, very specific spray systems were designed and patented that insure the proper mixing and application processes. CerarMix[™] formulas, along with the patented application systems are required to successfully obtain the results required to meet the specifications identified by the projects.

CerarMix[™] Coating Services

With an in-depth knowledge of complex surface preparation and coating system application processes, ACTS' advanced technical capabilities offers diverse opportunities to acquire and successfully complete a wide variety of projects using CerarMix[™] technologies. ACTS CerarMix[™] Coatings Services will engage in the fundamental practices of industrial and commercial coatings technology. These practices include estimating coating job costs such as surface area calculations, preparation costs, labor and production rates, and equipment and material requirements.

ACTS seeks to create labor crews trained as "CerarMix[™] Structural Coatings Specialists". ACTS CerarMix[™] training module will include surface preparation and coating operatives. Complete training comprises several modules, including but not limited to: health and safety, project site access, surface preparation, CerarMix[™] spray system, application techniques and capabilities, CerarMix[™] formulas, project application disciplines, and quality control.

ACTS will become a preferred coatings resource for various industry sectors such as:

- Infrastructure (Highways, Bridges, Gantries, Steam Vaults, Manhole Covers, Railway Stations, Street works, Tunnels, Underground Storage Tanks, Water & Sewage Systems, etc.)
- > Aircraft
- Marine and Sub-Marine
- Petrochemical and Offshore Structures
- Power Generation
- Transportation (Autos, Trucks, Buses and Other Vehicles)
- Environmental Structures, Barriers and Sluce Gates
- Industrial and Commercial Spaces
- Education, Medical and Retail Spaces
- Confined spaces
- Pre-coated Materials
- Architectural and Structural Components
- Agriculture, Construction and Earthmoving Equipment http://www2.pra-world.com/download/pdf/GICM_Sampler.pdf

Market Opportunity Coated Pipe & Material Manufacturing, Distribution & Installation

By 2015, U.S. oil production is expected to go to 10 million barrels per day and shoot to 11.1 million barrels per day by 2020. This would topple both Russia and the current world oil production leader, Saudi Arabia, says the IEA in the World Energy Outlook.

The Independent Petroleum Association of America (IPAA) represents more than 6,000 independent oil and natural gas producers and service and supply companies all across the United States. *Independent producers drill 95% of the oil and natural gas wells in America*, producing 54 percent of U.S. liquids – 54% oil and 81% condensates. *Independent producers reinvest 150% of their American cash flow* back into new American production.

Oil field operation costs are now at a record high due to extreme resource extraction conditions. In order to make an industry average return, a new production project for an onshore U.S. field is \$70 per barrel, (but it ranges from \$45-95 per barrel, depending on the rate of oil flow). The cost of oil extraction has been rising rapidly 10.9% per year since 1999, but oil prices have been flat. Costs have outpaced revenues by 2-3% per year. Profitability is down 10-20%. The vast majority of public oil & gas companies require oil prices of over \$100 per barrel to maintain positive cash flow under current CAPEX and dividend programs. Small oil and gas producers are struggling to make a profit and are barely able to stay in business.

Stripper/Marginal Wells From 1994-2003, about 143,000 marginal oil wells were plugged and abandoned in the U.S., representing over 110 million barrels of crude oil that was still in the ground.

Stripper wells produce natural gas or oil at very low rates: less than 14 barrels of oil per day or less than 60 thousand cubic feet of gas per day. Despite their small output, stripper oil and gas wells make a significant contribution to the nation's energy supply; they are the lifeblood of thousands of small, independent oil and gas operating companies in the U.S. 1 out of every 6 barrels of crude oil produced comes from a marginal oil wells, and over 85 % of the total number of U.S. oil wells are now classified as such. There are over 420,000 of these wells in the United States, and together they produce nearly 915,000 barrels (145,500 m3) of oil per day, 18 % of U.S. production.

Additionally, as of 2006, there are more than 296,000 natural gas stripper wells in the lower 48 states. Together they account for over 1.7 trillion cubic feet (48 km3) of natural gas, or about 9 % of the natural gas produced in the lower 48 states.

Through the use of CerarMix[™] Technology, ACTS Energy Solutions plans to target stripper/marginal well owners and provide a cost effective strategy that will assist in maintenance, retrofit and restoration processes resulting in achieving higher production rates.

Refinery & Plant Retrofitting and UpgradesAccording to the Petroleum Refining Industry there are 4,500 active projects valued at \$657+ Billion for 1,000 operational and precommissioned facilities. http://www.industrialinfo.com/database/petroleum_refining

As of January 1, 2013, the United States had 139 operating refineries and 4 idle refineries with total atmospheric crude oil distillation capacity of 17.8 million barrels per calendar day (bbl/d), an increase of 501,000 bbl/d from January 1, 2012. In North America, refinery upgrades revamps and retrofits for existing refineries are occurring with increasing frequency. Oil refinery and plant upgrades and retrofits are focused on improved efficiency, cost effective maintenance, and preservation of current assets, reduced downtime, greater oil and gas recovery... all resulting in greater profits.

CerarMixTM technology targets project activities such as: major maintenance shutdowns and turnarounds, unit expansions & additions, debottlenecks, retrofits, revamps & upgrades, modifications, optimizations & reconfigurations, 02 enrichment, cogeneration and utility expansions and environmental compliance. CerarMix[™] coatings can be used in maintenance and repair of the refineries and the results are dramatic in reducing re-occurring failures, thus reducing downtime and increasing production by as much as twenty percent.

Toxic Gas Barrier Protection

Around 5% of oil and gas wells leak immediately upon production and up to 60% of them fail over a 30-year time period, according to industry studies. Multiple studies suggest that "fugitive emissions" of methane from wells and pipelines are significant. About 35% of all oil and gas wells are leaking at any time. Tests are performed for flammable gases in the work area before starting any hot work. Potentially hazardous areas include, but are not limited to, well heads, fuel tanks, mud tanks, tank batteries, gas separators, oil treaters, or confined spaces

where gases can accumulate. Workers getting burned by a flash fire or explosion that results from an accumulation of flammable gases, such as Methane or Hydrogen Sulfide around the wellhead area is a daily threat.

CerarMix $^{\text{TM}}$ technology offers fire, smoke and toxic gas barrier protection and performs well where there is a potential for a flammable, or oxygen-deficient atmosphere such as a confined space, mud tank, oil tank, hopper, sump, pit or cellar.

Corporate Strengths Production Optimization through Retrofit & Restoration Pipeline Integrity

Loss of pipeline integrity can result in leaks of crude oil or natural gas, which can negatively impact the public and the natural environment. CerarMix[™] patented technology consistently outperforms all competitive pipeline remediation technologies. CerarMix[™] provides reliable flow assurance in a quick and cost-effective way. Field proven, our innovative solutions enhance production and reduces down time to provide complete flow-line solutions. Pipelines coated with CerarMix[™] technology protect against corrosion and environmental damage, which results in higher production and profits.

Improving pump efficiency is crucial to minimizing operation costs. The overall cost of running pumps throughout their life is many times higher than the initial capital cost. Pumps in critical applications often need relatively high levels of maintenance or suffer from poor reliability. A CerarMix[™] retrofit to exactly match duty requirements will increase component life and reduce maintenance costs. This optimization reduces the risk of unplanned outage, improving the availability of the entire system. The CerarMix[™] retrofit has the additional benefit of maintaining existing pipework and foundation arrangements further reducing project cost and complexity. Utilization of CerarMix[™] technology can ensure oil and gas companies minimize waste and maximize operational uptime.

Throughout the oil and gas life cycle, oil producers apply an array of advanced technologies to improve efficiency, productivity, and environmental performance. Cerar Mix^{TM} technology extends the frontier of technology in the area of productivity gains and operational cost reductions. Cerar Mix^{TM} not only ensures optimal recovery of oil and gas resources, but will assist in overcoming the increasingly challenging and ongoing retrofitting and restoration processes of site assets, such as pumps, piping, refinery and plant upgrades.

Target Market Gas & Oil

ACTS Energy Solutions is developing partnerships with small oil and gas producers who have battled the cost and availability of maintenance components, as the larger oil companies seize the inventories as soon as it becomes available. Utilizing CerarMix[™] technology, resource recovery, and site maintenance programs, costs are substantially reduced, thus increasing production optimization and profits. CerarMix[™] piping and pump equipment reduces maintenance time an average of 97.3% and thus increases production. Smaller producers can actually make more money each month by teaming with ACTS and allowing for our specialists to manage and maintain the fields, while sharing the increased production in partnership with ACTS.

ACTS business strategy is to create flexible pre-coated pipe and material manufacturing processes not only for the extraction, storage and transport of gas, oil, and water, but other fluids as well. ACTS strategy and manufacturing capabilities will supply pipe lined and or coated with the CerarMix[™] formula that is best suited to the intended application for the pipe, doing everything from de-scaling of the pipe surface before coating to the shipment of the finished product. Whether small, medium, or large diameter piping, CerarMix[™] pre-coated pipes ensure longer service life under highly corrosive conditions and wide range of service temperatures.

ACTS mission is to find the right CerarMixTM coatings solution for our customers' problems, improving the areas of increased productivity, reduced operational downtime and affordability. Manufactured, pre-coated piping and other materials serve to address these needs in specific industries such as oil and gas, mining, tanks and storage vessels, power generation, and more.

Petrochemical Industry: CerarMixTM manufactured pipe/tubing can be used in the production of the completed well thru the transportation to the many areas in the refinery. Besides the use of pre-coated pipes, CerarMixTM coatings can be used to coat tank batteries, tank trailers and to repair pipe without shutting down the operations, which costs valuable time and money.

Coal / Aggregate / Sluice Lines: The use of CerarMixTM pre-coated pipes either in the constructing of new structures or the coating/rehabilitation of existing structures, given its superior hardness, hydroscopic properties and its overall tensile strength, makes CerarMixTM the ideal product for use in the mining industry. CerarMixTM coatings used in conjunction with precoated pipes will improve the life and performance of composite (fiberglass) piping systems, and ancillary equipment particularly for the coal fired power industry. These environments encounter corrosive or abrasive conditions that cause structures to wear at an increased rate, [i.e.] coal rail cars, coal hoppers, slurry lines etc.

Sewer / Water & Slurry Lines/Pipes / Manholes / Manhole Covers

In addition to using CerarMix[™] pre-coated pipes, the properties of CerarMix[™] coatings make it an essential product for both the relining of pipes and rehabilitation of manholes and underground chambers. These unique, high-strength formulations allow a monolithic 1/2" to 3" multi-pass spray application that helps restore structural integrity to deterioration and provide a permanent seal against corrosion, infiltration, and ex-filtration.

Pipe / Tubing & Drainage Lines / New Pipe / Pipe Rehabilitation

For any lines carrying abrasive, corrosive, high viscosity products, the properties of CerarMixTM make it an essential product with which to either reline existing pipes or install new 100% CerarMixTM manufactured pipelines. Additionally, as CerarMixTM eliminates any thermal transfer, products carried within the lines are no longer affected by changes in temperature.

Product Highlights

The main products in the company's pre-coating manufacturing activities are steel line pipes for gas, oil and water, as well as oilfield tubes, commercial tubes for general application, structural tubes and steel pipes for district heating pipelines. ACTS will offer a full range of steel grades, outside diameters, and pipe wall thicknesses for the customer's optimum solution both technically and economically.

CerarMix[™] offers a simple and highly effective "cure-in-place" restoration technology that completely coats the inside of pipes. CerarMix[™] pipe coating is a non-invasive process that uses a pre-determined CerarMix[™] formula to coat the inside walls of pipes providing a permanent protective barrier between pipes and the fluids transported. Additional services to be offered are cutting, threading, beveling, grooving, blasting, and fabrication.

Pre-Coated Materials Features

CerarMix[™] coatings protect the pipe from corrosion and mechanical damage. The purpose of pipe linings is to minimize frictional resistance on the inside wall of gas line pipe, while water and sewer pipes are mainly lined as a means of effective corrosion protection. Here are the features of CerarMix[™] pre-coated pipes and materials:

- > Excellent corrosion resistance
- Strong adhesion
- > Free from pinhole
- > Excellent impact resistance
- Friction resistance

Pre-Coated Materials Benefits

There are a number of benefits associated with CerarMix [™] pre-coated materials, pipe, tubes, etc. which include quality, corrosion resistance, its harmless effect on the environment including the recycling of waste, to name a few. ACTS provides pre-coating solutions for a wide range of markets that substantially improves the function of performance and increases overall production.

CerarMix[™] pre-coated manufactured pipe is also highly recommended for use where perfect pipeline reliability is required, such as in gas and fuel pipeline, for operating temperatures up to 80°C (176°F). CerarMix[™] is designed for use in the following: general underground service, highly corrosive soil service, and underwater service. Additionally, CerarMix[™] pre-coated pipe has excellent impact resistance and it provides no difficulty for damage in handling operation, storage, transportation, laying, etc.

Quality: During application a uniform layer of coating generates a consistent, smooth layer of CerarMix TM .

Consistency of color: Due to the controlled nature of the process, color differences between production batches are tightly controlled.

Corrosion resistance: The consistency and accuracy of the CerarMix $^{\text{TM}}$ coating process generates excellent high performance properties. This is due to the highly controlled cleaning, pre-treatment, coating application and curing stages within the process.

Customization options: CerarMix $^{\text{TM}}$ pre-coating techniques allow pipes and other components to be customized with a wide range of options e.g. coatings, dimensions, thicknesses, aesthetics, and performance characteristics as it relates to corrosion, erosion, fire, and heat control. The coated material can also be tailored to suit the specific requirements of a customer's equipment.

Environment: With CerarMixTM coatings, there is no release of harmful elements in the manufacturing process. All CerarMixTM coatings are void of environmentally harmful emissions and potential waste streams.

Waste: The CerarMix[™] coating process provides coating application efficiency of over 98%, which is significantly higher than other application techniques. Pre-coated materials can also be fully re-cycled, providing environmental advantages.

Strategic Alliance Formed

In recognition of the magnitude of the undertaking to serve the global marketplace for the delivery of any or all of the divisions offered through CerarMixTM a quest for the perfect strategic partner, with proven track record of serving the industries targeted by ACTS CSI began. The housing market became the first focus for such a relationship. BenchMark Industries was identified and became the premiere alliance company.

Benchmark Industries was founded in 1946 and has been an industry pioneer and leader since 1969 when it entered the Industrialized Housing business, and was one of the first companies to build system-built homes in the US. As a manufacturer who has exclusively constructed system-built technologically advanced homes for over 35 years, Benchmark has created a successful partnerships with many Builders and Developers throughout the US, who have improved their profit margins, reduced capital requirements for building, fixed budgets and deadlines, and met high curb appeal requirements with lower costs incurred.

Benchmark's designs have evolved over the past 40 years into a competitive and attractive product which can be marketed in subdivisions or projects in competition with stick builders. Benchmark has pioneered multi-story construction for over 30 years and has mastered the design and execution of this technology. All of the mechanical and structural components are preinstalled in the factory, and reconnected in the field reducing field construction time and cost, as well as reduction of human error in the field. Benchmark was organized in 1946 and began constructing factory-built homes at its factory in Brookville, Ohio. Between 1946 and 1978, Benchmark Homes manufactured and sold over 25,000 manufactured housing units. In 1982, Benchmark entered the multi-family housing market, building townhouses, condominiums, and apartment communities, and then began performing its own development building and marketing functions.

Dan Riedel, Benchmark's CEO brings to ACTS CSI a team of proven leaders with a combined experience tenure in excess of 200 years. These members will serve in leadership capacity within the ACTS CSI structure and will direct and implement the set up and operational systems to insure maximum production capability of each manufacturing facility opened by ACTS. ACTS CSI will benefit not only from the experience of the team but also the connections to the industry within the US marketplace. This alone will accelerate the growth capability of the ACTS housing projects domestically and as a result of their extensive accomplishments within the United States, ACTS CSI will obtain instant credibility with governmental agencies and building industry leaders. The demands of the foreign markets are far less than the US and therefore any systems designed for domestic use will easily exceed those of our foreign markets.

By utilizing ACTS CSI CerarMix $^{\text{TM}}$ panel construction technologies, structures such as those below will be delivered to the marketplace in a seamless fashion. This advanced technology will insure the highest qualities ever utilized with "curb appeal" design.





5. Executive Management Team

The Corporate Officers of *ACTS CerarMix Solutions International, LLC* are R. Michael Buehler, Chief Executive Officer; Matt Merchant, Chief Technology Officer, Ed Bowles, Chief Information Officer, Bill O'Connor, Chief Operations Officer; and additional individuals are being considered and will be engaged as needed.

R. Michael Buehler, Chief Executive Officer

Since its inception in early 1993, Michael has been the driving force in the overall development of the ACTS Companies, effecting change and refinement of ACTS' concepts and business initiatives. Michael's business and professional experience combined with his unique vision for a better tomorrow is not only the cornerstone of ACTS' corporate mission, but a window into a future that offers unlimited opportunities for a better quality of life for those who are served by ACTS products and services. Michael's business experience scans nearly forty-two years, from corporate America where he learned his skills from companies such as Schlitz Brewery, Redken Laboratories, Walter E. Heller & Company, and more. He then launched his own enterprises in 1981 with Crystallite, a manufacturing company that supplied giftware lines to Sears & Company. Upon moving to California in 1984, Mr. Buehler found a niche in the communications industry and within twelve months built the largest marketing force in his sector, securing over 84,000 contracts with municipalities, government installations, and businesses throughout the country. After selling the company in 1991 he entered the semi- retired rankings and began a consulting business. Mr. Buehler is a well-recognized public speaker and business mentor, within both the "forprofit" and "non-profit" industries.

In the aftermath of Hurricane Katrina and other disasters that followed, Mr. Buehler became extremely interested in environmental and emergency response issues. He began extensive research into emergency response programs and industry practices. It became obvious to Michael early on that there were many weaknesses and inadequacies in the way government agencies facilitated emergency rebuilding and reconstruction efforts. He then began to identify various improvements that could be implemented in the system that would more efficiently address the needs impacting those who suffer the wrath of natural or man-made disasters.

Quick to identify emerging business opportunities, Michael recognized that one of the most critical needs following emergency incidents such as Hurricane Katrina is housing. Driven to discover cost-effective solutions, his research led him to study advanced building technologies such as Structural Insulated Panels (SIP), thermal barrier coatings, solar systems for both commercial and residential applications, waste to energy technologies, alternative building systems suitable for emerging world markets, and others. It was at that time he realized that advances in building technology combined with emerging green building science could become the catalyst to provide solutions well-suited for emergency situations.

With his business expertise, circle of influence and entrepreneurial spirit, Michael designed an innovative marketing and distribution concept that would aid him in turning his newest vision into reality. His vision was to establish a company that would provide cost-effective, rapidly deployable housing solutions. The housing needed to be environmentally sustainable and

energy efficient. To that end, he continued his search for the right combinations of materials and suppliers.

Upon acquiring several strategic partnerships, various green material suppliers, and obtaining certain licenses and certifications pertaining to specific products and services, he created ACTS Advanced Building Technologies (ABT). Focused on thermal barrier coatings for commercial and retail roofing applications, ACTS ABT solicited for and was awarded many installation contracts in the Gulf Region. Due to recent developments, ACTS ABT expanded its mission and vision and became the inspiration for what has become ACTS CerarMix[™] Solutions International, LLC.

Michael vision was for ACTS CSI to provide innovative solutions that would positively impact environmental issues on a global basis. To promote these objectives and the growth of ACTS CSI, Michael orchestrated meetings with high-level officials at Homeland Security, the Federal Emergency Management Agency (FEMA), Mississippi Emergency Management Agency (MEMA), various US and state Senators and Congressmen, high profile non-profit organizations and faith-based leadership, and others. In virtually every meeting, the ACTS CSI concepts, programs, products, and services have been widely received and accepted. The crowning glory is the "Transportable Housing Solution" which has the ability to address the housing crisis on a global basis, and at the same time open the door to bring forth all of the environmental services ACTS CSI has to offer.

Early in 2013, Mr. Buehler successfully negotiated an exclusive joint venture partnership with AlphaGen Materials and Mr. Matt Merchant, its' founder. Merchant is responsible for inventing a revolutionary transportable housing technology. This partnership is responsible for the founding of ACTS CerarMix Solutions International, LLC. ACTS CSI holds global distribution and sales rights for all of AlphaGen Materials' products and services. ACTS CerarMix Solutions International, LLC was formed as a Delaware Limited Liability.

Matt Merchant, Chief Technology Officer

Matthew has extensive experience in polymer, ceramic and metallic compounding research along with 20 years of design and implementation of composite materials processes. Matthew has helped solve materials problems for numerous public and private entities, including 15 years of Department of Defense related material science programs. He continues to perform material research for individual branches of the Armed Services as a founder of AlphaGen Technologies. Matthew has also developed waste reduction and recycling systems for use in commercial and industrial applications, along with biomass based alternative product research and testing, working with various state universities. He is a graduate of Hawkeye Institute of Technology, Institute for Physical Research and Technology, with degrees in Automotive Engineering, Material Science, Conservation Resource Management, and Agricultural Management. Matthew is the developer of CerarMixTM.

Matt over the past twenty years has identified more than 1,000 applications for the use of CerarMix[™]. His formulations are designed to address specific needs identified as he has studied special challenges facing industries, municipalities, and/or global occurrences. Once he has identified the correct usage and formulizations of CerarMix[™], Matt then seeks independent third party verifications and testing to validate the claims and the results he has discovered. More than seventy such studies have been completed and in every case the results exceed the

claims made by his team prior to solving the problems originally presented. These results are available to any qualified persons seeking due diligence study upon execution of a NDNC.

Matt has extensive history in governmental relationships globally. His past work has gained him the respect of many leaders of nations and his travel has taken him to nearly a hundred countries around the world. Matt's desire to solve international business challenges is only surpassed by his desire to address deplorable conditions in housing, water, and basic needs of hundreds of millions of displaced and suffering people. Although this humanitarian impact desire within him motivates his actions, he acknowledges that in every case a financially rewarding outcome is eminent. This not only allows Matt to justify his actions but also affords him the funding to further develop the activity around the world.

Matt's education, experience, and dedication to this program has spanned over twenty years and his successes would cause for pages of documentation to cover its entirety. Suffice it to say that once a person gets to know this mild mannered personality, they become convinced of his conviction and belief that he has been called to this mission for the greater good for mankind.

Bill O'Connor, Chief Operating Officer

Mr. O'Connor is an experienced manufacturing operations leader. With a track record in building, turn around/optimizing fundamental corporate infrastructure, technologies, processes, and measurement systems to increase revenues and improve bottom-line, Bill brings a sense of urgency to ACTS to further develop and expand areas of manufacturing operations excellence. Mr. O'Connor is a high-energy leader experienced in brand positioning, revenue growth financial management, with a demonstrated record of exceeding profitability goals. Serving in the capacity of Chief Operating Officer for ACTS CerarMix[™] Solutions, Mr. O'Connor has a history of success, leading initiatives for sales, marketing, advertising, patent laws, and product management.

Ed Bowles, Chief Information Officer

Mr. Bowles is a highly successful, business technology executive with a servant-leader approach, specializing in entrepreneurial environments, rapid growth and turnaround opportunities. Innovative and results-oriented, Ed strategically and cost effectively utilizes technology in alignment with corporate goals. He excels at strategic planning, building high-performance teams, project management, implementing best practice methodologies, and continuous improvement programs. Mr. Bowles brings to ACTS CerarMix Solutions thirty years of experience in information technology. His proven areas of expertise includes infrastructure design and implementation, technical support, development, architecture, management and leadership roles.

Chris Rumbos, Business Development Officer

Seasoned 38 year executive experienced in the Mortgage Servicing and Asset Management of Mortgage related products and transactions. Over Chris's career he has developed internal policies and procedures and developed a Master servicing operation designated as a back-up servicer with oversight responsibilities. Mr. Rumbos is a proficient industry expert with extensive knowledge of internal operations methodologies based upon a vast amount of

exposure to industry standard protocols. He has managed government servicing units (VA, FHA) in all aspects of default operations including loss mitigation, foreclosure, and claims filing.

As a business growth specialist, Chris will help ACTS CSI shape the company's overall business vision and customer base. Maintaining relationships with powerful industry and business professionals such as FEMA, HUD, Fannie Mae, and Homeland Security, Mr. Rumbos will help develop plans and strategies for acquiring new customers and business opportunities both in the US and internationally.

In the role of Business Development Officer, he leads the company's business development group, including capture, proposal development, market research, and marketing. As part of the Senior Management Team, Chris is an executive who successfully identifies potential deals and develops the tactics and teams needed to bring them to fruition in an effective manner.

Dan Riedel-BMI, Senior Manufacturing Development Director

ACTS has created a strategic alliance with Mr. Riedel and his consulting firm, BenchMark Industries ("BMI") which delivers over 200 years of combined experience in the panelized and industrialized building business, to serve as the experts in plant design and production processes to insure maximum output of the manufacturing lines. The team members of Benchmark will actually re-locate to the geographic location ACTS is establishing a manufacturing presence in, for a period of 6 months, to serve as the management team in place to install, operate, and insure that all processes are working smoothly; then replace themselves with qualified ACTS employees before moving to the next scheduled new facility.

Mr. Riedel has a diverse background in manufacturing, building, real estate development, marketing, financing, and management. Mr. Riedel's family began in the timber and lumber business in 1905, and is a 3rd generation builder. He is veteran of 50 years in the Industrialized Housing business in the Midwest and Southeast. Benchmark Industries and its affiliates began operations in 1969 and were the first factory-built housing company to be approved under rules set forth in the Ohio Industrialized Housing Act of 1969. Mr. Riedel has worked in every position in the company from production, purchasing, engineering and sales to managerial positions of General Manager, Chief Operating Officer, and CEO. He has personally directed the planning, development, building, financing, and management of over 25 multi-family and single-family residential communities.

Serving as Senior Manufacturing Development Executive for ACTS CerarMix[™] Solutions, Dan will assist in identifying and establishing strategies for the company's global manufacturing, operations and delivery activities. His expertise in executing large-scale projects, creating highly efficient processes and procedures, and streamlining operations that result in improved productivity, multi-million dollar profitability, and sizeable cost-savings will have a major strategic impact on the long-term success of the company.

Jonathan Riedel-BMI, Senior Operations & Fulfillment Director

Jonathan is a management and operational professional with 15+ years of experience managing sales and operations, taking firms from startup through periods of high growth and recognition as industry pacesetters. A successful negotiator, Jonathan's capabilities include directing the

entire sales relationship, from identifying prospects through presentation, closing and continuous support through the entire project. As part of the ACTS Team, Mr. Riedel will assist in managing operations, determine project scope, estimate and monitor budgets, schedule jobs, and source and supervise subcontractors and material suppliers.

Roger Wittrock-BMI, Engineering and Quality Control Director

Presently serving as Vice President of engineering and quality control staffs for Benchmark Homes, Brookfield, OH, Roger brings 40+ years in Industrialized Housing Industry to the ACTS Team. Roger has extensive experience overseeing design and layout of single and multi-family models from preliminary design to final construction documents, both architectural and manufacturing, insuring adherence to all building code requirements.

George Kirby-BMI, Senior Vice President of Manufacturing

A seasoned background in manufacturing, building, and management. A veteran of 47 years in the Industrialized Housing industry in the Midwest and Southeast. Began after college as an assembler in Tallahassee, FL and rose through the ranks of management from group leader, foreman, production manager, and Vice President of Manufacturing. He has personally directed the design, tooling, equipment, staffing, manning, and operation of 4 manufacturing facilities. Participated in the design, engineering, and construction of complicated multifamily, multi-story buildings and pioneered many manufacturing systems to construct multistory buildings in a factory. As part of the ACTS Team, George will assist in the design, tooling and equipping of the CerarMix[™] manufacturing plant in Philadelphia, MS.

John Pardue-BMI, Senior Project Director

Mr. Pardue is a seasoned professional, with 30 years' experience in building construction, composites and sales. With vast knowledge in the Industrialized Housing Industry, John is a master carpenter, licensed builder, disaster housing inspector and has invented patent pending composite building panels. John brings his skill and talents to the ACTS Team and will assist in the development of the CerarMixTM manufacturing plant operations beginning in Philadelphia, MS.

DR Rawson, Senior Business Development Director

Mr. DR Rawson has held senior leadership positions in the computer, health care, insurance, Internet, manufacturing and gas & oil sectors of our economy. He is credited with many new business ventures and has traveled the world in pursuit of business and opportunity. As a leader and builder, Mr. Rawson aggressively pursues the challenges associated with startups and/or those companies that want to quickly move to the next level of growth and increase their profits. He has gained an International reputation as a leader and market visionary.

His accomplishments and firsts include marketing the very first automobile anti-theft device in America. In addition, he co-developed the steering mechanism for the Lunar-Rover used in the Apollo mission to the Moon. DR developed the helical screw down hole oil pump for shallow oil wells and while President of an international oil company he negotiated the oil rights for a country in Africa.

DR will serve as Senior Business Development Executive for ACTS CerarMix[™] Solutions. As a successful entrepreneur with over twenty enterprises to his credit, DR is poised to develop and direct his domestic and International sales management expertise to drive sales, create strategies and tactics to promote sales and business growth for the company's manufacturing and distribution efforts.

Robert Flegal, Vice President of Manufacturing

Robert is an enthusiastic, resourceful, results oriented professional with skills in leadership, procurement and project management. His Original Equipment Manufacturer (OEM) entrepreneur skills together with his sales and marketing ability will deliver a broad and confident service program for ACTS. Bob's experience and track record in effectively communicating with people of diverse backgrounds, ages and levels of authority; collaborating in a team environment; and building relationships with decision-makers, customer, vendors and co-workers will assist ACTS in our global journey with diverse applications. He has traveled the world and is prepared to do so again for ACTS

Robert's experience includes supplying component parts to Fleetwood Motor Homes and other leading companies in the recreational vehicle industry. Such firms include HomeAlert Inc. specializing in radio frequency digitized two-way communication transmitted to a monitoring center for utility companies, and the Electronic Products Investment Company that is an internet website company specializing in drop ship mail orders. He has been the lead in excess of 300 co-marketing programs, product demonstrations, event planning, and giveaways at industry tradeshows in support of new product launches.

Robert holds an Associate of Science Degree in Electronics, Compton Junior College; Northrop Institute of Technology Majored in Electronic Engineering; Dale Carnegie trained in "Effective Speaking and Human Relations".

Bruce Holden, General Corporate Counsel

Mr. Holden is a partner in the Business Transactions group of Gordon & Rees, LLC and has been in practice for over 30 years. Mr. Holden's practice includes serving as general counsel for a number of small and mid-sized privately held businesses. Mr. Holden represents real estate developers, lenders, software development companies, construction companies, distributors, and manufacturers. Additionally, he represents a number of factoring companies, asset based lenders, and purchase order financing companies.

His experience includes counseling entrepreneurs and business people on the various legal aspects related to development and growth of their business as well as work on many significant transactions, such as acquisition of loan portfolios, negotiating and documenting credit facilities for lenders, acquisition of apartment complexes, and buying and selling businesses.

Mr. Holden's expertise extends to International law and contract management. His handling of Mr. Buehler's affairs have been of exceptional quality and with dedication beyond the norm. Bruce has served as corporate council to ACTS and R. Michael Buehler for the past 20 years and understands fully the mission and business aspirations of the Company in breadth and depth. Bruce has guided Mr. Buehler through numerous business objectives and growth

programs over the years and is considered a close friend and business mentor as well. Mr. Holden serves as a director of the Orange County Chapter of the Risk Management Association and serves on the advisory board of California United Bank.

J.D., Pepperdine University, M.S., University of Michigan, B.S., University of Michigan Honors: AV® PreeminentTM, Martindale-Hubbell

Rick Canterbury, Vice President of Field Operations

Rick is a well-respected former Mississippi state government official with an impressive record of achievement and success. Mr. Canterbury was in charge of the visit to Mississippi by a former US President and coordinated all aspects of the visit. Suffice it to say that Rick is more than capable of leadership and diplomacy combined. Trained to manage both small and large-scale projects, he brings to ACTS over 35 years of public service in both the environmental and emergency response fields.

Rick began his career serving as a police officer in Jackson, MS where he achieved the position of commander and unit supervisor. As Rick's career advanced in law enforcement, his talents were highly regarded. When the President visited Jackson, MS, he was appointed to head up the security task force that interfaced with ATF, FBI, DEA, and the Secret Service. Rick became the personal attaché to the Mayor of Jackson, MS and accompanied the Mayor on all of his travels, domestic and abroad. Serving as the Mayor's personal security officer, he was often present in high level meetings with dignitaries and major corporation heads. He retired from the force after 20 years of service.

With a high interest in helping to resolve critical environmental issues impacting his home State of Mississippi, Rick came out of his retirement to work as a senior member of the ACTS management team. He trained and served as an Environmental Scientist IV for the Mississippi Department of Environmental Quality (MDEQ). One of the tasks of the MDEQ is to administer and enforce regulations that help to protect and preserve the state's soil and groundwater quality.

During his tenure he gained experience in many areas under the jurisdiction of the MDEQ. Advancing to the position of Contract Administrator, he was instrumental in helping to formulate and evaluate MDEQ contract policies for federal and state regulatory requirements. His management capabilities, environmental science expertise and experience gave him the opportunity to become the chief administrator responsible for the enforcement of the "Mississippi Underground Storage Tank Act".

Over the years, Rick has been influential in developing the environmental strategies, programs, rules and regulations, and practices in use by the MDEQ today. Many states, along with Federal Emergency Management Agency (FEMA) have turned to Mississippi for assistance with environmental issues. Due to Rick's exemplary reputation and significant contribution to the MDEQ, he is a reliable resource for FEMA and other state and local government agencies. Rick recently retired from the MDEQ with more than 15 years of outstanding service.

Continuing his devotion to environmental causes, Rick will provide the leadership for ACTS Underground Storage Tank Division. He will serve as the Vice President of Environmental Field Operations. His has vast knowledge of UST regulations and operations along with intimate experience with many UST tank owners and operators in the region. His talents and

experience will help the company achieve financial success as a reliable resource for UST and environmental services. Mr. Canterbury is a graduate of the Mississippi Fire Academy with training as a MDEQ Hazardous Materials Emergency Responder for spills of hazardous materials.

Des Colleran, Senior Operations Advisor

Desmond brings to ACTS a broad dimension of executive management experience culminating with his previous involvement in various highly regarded non-profit and charitable organizations. Desmond's goal with ACTS is to enhance the Company's sustainability in the areas of finances, strategic direction, and planning, as well as sales and marketing, analyzing all aspects of Company operations and present ongoing strategies for future success.

Desmond's experience includes serving as the director of Worldwide Marriage Encounter program and holding the seat as Chairman of the Catholic Board of Education, Orange County California. After leaving the priest hood of the Catholic Church in 1989 he transitioned into education, training, and then Career Management, which he held senior management positions for more than 20 years. He mentored and assisted high level executives by re-packaging them and re-training them for the emerging job markets of the time. Desmond not only knows how to direct business he has a Rolodex of thousands of superior qualified senior management people. Desmond has worked alongside Michael for several years, fulfilling any role needed at the time. He is a real blessing to the company as he studies every aspect before suggesting an appropriate solution.

Chief Financial Officer, TBD

Chief Marketing Officer, TBD

John Kostic, Corporate Director of Finance & Investor Relations

Serving ACTS as Corporate Financial Advisor over the past three years, John has used his vast expertise in the investment and financing arenas to assist the company in successfully developing sound and practical strategies to achieve, both short-term and long-term goals. His main focus is to help ACTS set and assess financial goals including profit targets for financial viability, asset allocation, investment allocation, and evaluating funding and profit projections for any given project. John will also insure that regular contact is made with the Lenders and investors associated with ACTS.

For more than 22 years, John has been a successful financial advisor helping individuals and families achieve their financial planning goals, by providing advice on Investment Planning; Insurance Planning; Tax Planning; Retirement Planning; Estate Planning; Intergenerational Wealth Transfer Planning; and Educational Savings Planning. He is dedicated to providing high-quality advice and integrated wealth management solutions that simplify and enhance the quality of his clients' lives.

Years of extensive financial services training and hands-on experience have taught John to always have a clear understanding of the issues before asking a client to make a decision. He is detailed oriented and has a passion for implementing thorough analysis as a best practice. He brings to ACTS as Corporate Financial Advisor, his vast expertise in the investment and

financing arenas. John's main objectives with ACTS are to assist the company in successfully developing sound and practical strategies to achieve both short-term and long-term financial goals to perpetuate sustainable corporate growth and profitability.

John is the owner of the Newport Beach, CA. Wealth Management firm, Helix Wealth Partners. His diverse background also includes distinguished military service as a Captain in the Army, and unique experience as an "attack" helicopter pilot. John is a dedicated family man and his service to others is evidenced by his close ties to his church and military colleagues.

Robert Maynard, Executive Director of Global Housing Initiative

Mr. Maynard is experienced in creating operational structures, taking them from conception, through growth, and into on-going business entities. He has been responsible for and an operational partner in 18 start-up businesses and 27 P&L centers. With over 33 years of business management success in operations, development, project management, supply chain logistics, sales and marketing, and acquisitions, Bob's ability to generate and manage sales, analyze markets, and design and implement market development strategies will assist the company in developing affordable creative marketing campaigns to quickly attract, excite and acquire new loyal customers.

Bob has extensive experience with "state of the art" building systems and construction management/project management services on a global basis. Devoted to construction related endeavors, he founded the World Housing Foundation for the purpose of building replicated, low-cost, low maintenance, affordable housing projects in Third World countries and countries possessing emerging economies, as well as doing the same in developed countries.

Bob's ability to lead a national and international marketing campaign will help the ACTS Team design, implement and successfully employ targeted marketing with operations and processes being guided by systems and methodology that allows for efficient brokering and exporting CerarMixTM products and technologies and services on a worldwide basis, either through direct sell or as a participant in various projects as "Joint Effort" business partner.

Jim Girardi, Executive Vice President of Global Housing Initiative

Mr. Girardi is located just outside Washington DC and serve ACTS in numerous capacities, interfacing with the many branches and departments of the Federal government. Jim's ability to work with US officials and dignitaries from around the world from the ACTS headquarters in Washington DC, maintains a constant presence in a locale that serves as the heartbeat of our organization. ACTS recognizes that virtually all countries of the world meet in Washington DC and New York City for diplomatic and economic purposes. Maintaining a viable presence in both of these locations is paramount to the overall success of our mission. Jim's leadership and communication skills will assist ACTS in delivering on all fronts on a timely basis.

Known for his remarkable ability to design and develop curriculums, he has served as the National Curriculum Advisor for the AGC Graduate Builder's Institute, and developed training curriculum publications for the Dept. of Health, Education, and Welfare along with software reviews for the NAHB. Jim is also a nationally recognized speaker for the Association of General Contractors (AGC) and the National Association of Homebuilders (NAHB).

Jim Girardi has been involved in the construction industry since the early age of 14. Jim has been a residential builder and a commercial builder. Jim has built high end, custom homes and supervised the building of commercial buildings in the greater Philadelphia area. Early in his career Jim received many awards for his work, most recognized in the area of estimating and construction software. He was the first person known to integrate estimating and accounting software on the PC platform. He also worked within the Weyerhaeuser Corporation to develop the first CAD/Estimating package for the PC. Jim has successfully established several national dealer and distribution networks for companies such as CMS, Construction Data Control, Timberline, and iConnect.

Today Jim brings his construction, fabrication, and marketing experience to ACTS. Jim's expertise in quality construction and his in depth knowledge of building materials, contributes significantly to introducing the company's products and services including ACTS method of construction and fabrication, that are second-to-none in the panelized construction industry. Jim is fully dedicated to assisting ACTS in achieving its overall corporate goals.

Currently, Jim serves as one of six regional managers for Apple Computer and as a senior director for various television programs at the Fairfax Public Access, Channel 10 Television Studio.

6. Revenue and Profitability Forecast

In addition to the direct business practices of ACTS CSI, another source of revenue will be licensing the technologies to outside companies, so that they can establish individual markets through their connections. Additionally, the added manufacturing capability will allow ACTS to sub contract production of housing units when orders exceed ability to deliver on a timely basis. Such licensees will afford ACTS capability without front end costs to ACTS. Numerous inquiries have been received by such interested parties. In addition, ACTS intends on establishing as many as fifty (50) manufacturing locations around the world that would be impacted in a positive fashion by either licensing or joint venture relationships to insure long term safety and production within certain regions of the globe.

ACTS has established the cost of designing and constructing an ACTS CerarMix Solutions Manufacturing and Production Plant to be less than \$5 Million. This cost along with the licensing fee will allow a prospective licensee to become profitable for less than a \$10,000,000 out of pocket investment. However ACTS would require a prospective licensee to have a funding capability of \$25 million to be able to ramp up production to meet the anticipated demand for products. As the licensor, ACTS will receive a royalty on an ongoing basis of 7% of the gross revenues of the licensee company. Additionally, a set sales commission schedule has been established at 7% of the gross sale. In the event that the licensee secures the sale without support of the ACTS CSI corporate team, then the sales commission will be retained by the licensee.

ACTS CSI has utilized a sophisticated software that establishes all costs, projected revenues, and profitability models based on minimal and conservative numbers. The following model has been established, which is based on gross margins comparable with industry standards, which in fact are considerably less favorable. ACTS Transportable panel structures and CerarMixTM Coating projects include all direct and indirect costs (including but not limited to: Human Resources, Finance, Marketing and Sales, Manufacturing Sites and Equipment, Training and Training Facilities, Research and Development, etc). Complete financial reports and spreadsheets are available upon request and execution of NDNC documents.

Panel Structure Pricing and Sales Projections

The following differentiates the pricing for ACTS panel structures based on markets and identifies a base price range along with add-on "upgrades" as may be requested by a client.

Standard Unit Sizes

```
20' x 20' Unit = 400 SF
20' x 40' Unit = 800 SF
```

- 1. **Basic Housing**: Base unit serves as basic shelter w/o added amenities.
- Standard sizes: 20' x 20' and 20' x 40'
- Based on size, internal separator walls with or without doors & windows.
- > \$27.50-\$35 SF
 - 2. Specific Purpose Units: Includes standard electrical, plumbing, bath, kitchen, living amenities.
- > Designed to connect to existing infrastructure systems available through municipalities.

- Available for extensive upgrades to "build-to-spec" purposes.
- > Standard sizes are 20' x 20' and 20' x 40' but can be built to exact specs required as single or multiple story units.
- Military, worker camps, disaster relief, temporary shelter or operations units.
- ➤ \$45-\$65 SF, plus upgrades and specifications.
 - 3. *Residential Domestic or International* All of amenities in No.2 above as well as expanded electrical/plumbing/etc.
- > Single family or multifamily residences. Single or multi-level living quarters.
- > Can be designed for connection to municipal utilities or made stand alone, self-contained.
- > Specifically designed to conform to local building codes and style.
- Virtually unlimited upgrades from alliance companies as after-market upgrades.
- ▶ \$65-\$85 SF & up to \$125 SF, plus upgrades and specifications.
 - 4. Special Order Units: Virtually any size or specification required.
- Every request requires individual quote based on purpose, application, and specifications

Note: The following pages revel the ACTS CerarMix Solutions International financial projections for the first five years of operations. The first page identifies the Housing and Structural Units. The second page attached focuses only on the Gas & Oil industry. The numbers depicted herein have the following assumptions and disclaimers that should be considered when determining the accuracy and validity of such projections.

Should the reader desire to receive the complete financial worksheets, a complete list of assumptions, and the findings resulting from nearly seventy independent studies; such reports will be made available once the appropriate NDNC & Investor Questionnaire documents have been executed and accepted by ACTS.

- > The first financial projections focus on the CerarMix structures division of ACTS
- Implementing the "Coatings division" portion of the business requires minimal capital for tooling and launch (which is included in the costs of equipment herein) & results in quickest revenue stream, which is not represented in the income forecast
- ➤ The Gas & Oil industry revenues attached could actually fund the entire expansion of structure manufacturing globally
- The projections establish an expansion of manufacturing lines well below the anticipated growth
- Extremely conservative sales & production numbers are used to insure that we exceed the forecasts
- Manufacturing structures requires the most time to reach revenues and at the highest capital requirements on the front end
- ACTS believes that the actual production of housing units will exceed the projections by as much as five times
- ACTS is already in negotiations with countries, including the United States, for production requirements in excess of 500,000 units
- More than twenty locations around the world have expressed a sincere desire to build a manufacturing plant for the housing alone
- In all cases, ACTS uses only the lowest sales prices available and the highest cost factors possible
- No adjustments have been made for volume discounts or cost savings due to automation

ACTS CerarMix Solutions International LLC "Structure Division" Pro Forma Financial Prepared May 5, 2014

Profit & Loss	Year 1	Year 2	Year 3	Year 4	Year 5
Net Sales	\$21,517,920	\$76,377,600	\$146,880,000	\$205,632,000	\$211,507,200
COGS	\$8,790,000	\$31,200,000	\$60,000,000	\$84,000,000	\$86,400,000
Gross Profit	\$12,727,920	\$45,177,600	\$86,880,000	\$121,632,000	\$125,107,200
Expenses	\$11,413,249	\$27,725,749	\$46,899,990	\$62,208,742	\$65,417,941
EBITDA	\$1,314,671	\$17,451,851	\$39,980,010	\$59,423,258	\$59,689,259
Amort., Dep., & Int.	\$262,095	\$768,648	\$1,259,967	\$1,493,111	\$1,268,198
Taxes	\$410,504	\$6,669,921	\$15,502,918	\$23,172,059	\$23,368,425
Net Income	\$642,071	\$10,013,282	\$23,217,124	\$34,758,088	\$35,052,637
Cash Flow	Year 1	Year 2	Year 3	Year 4	Year 5
Net Income	\$642,071	\$10,013,282	\$23,217,124	\$34,758,088	\$35,052,637
Changes from:	ψ042,071	Ψ10,010,202	Ψ20,217,124	ψοτ,ι σο,σσο	ψου,σοΣ,σοι
Operating	\$1,742,961	\$13,382,376	\$26,905,024	\$37,525,765	\$36,190,073
Investing	(\$2,740,880)	(\$2,740,880)	(\$2,740,880)	\$0	\$0,130,073
Financing	\$0	\$0	\$0	\$0 \$0	\$0 \$0
Cash Inc. / (Dec.)	(\$997,919)	\$10,641,496	\$24,164,144	\$37,525,765	\$36,190,073
Beginning of Period	\$0	(\$997,919)	\$9,643,577	\$33,807,721	\$71,333,486
End of Period	(\$997,919)	\$9,643,577	\$33,807,721	\$71,333,486	\$107,523,559
	(4001,010)	¥0,010,011	*************************************	* * * * * * * * * * * * * * * * * * *	V 101,0=0,000
Balance Sheet	Year 1	Year 2	Year 3	Year 4	Year 5
Assets					
Current	(\$997,919)	\$9,643,577	\$33,807,721	\$71,333,486	\$107,523,559
Non-Current	\$2,478,785	\$4,451,017	\$5,931,930	\$4,438,818	\$3,170,621
Total Assets	\$1,480,866	\$14,094,594	\$39,739,651	\$75,772,304	\$110,694,179
Liabilities					
Current	\$838,795	\$3,439,241	\$5,867,173	\$7,141,739	\$7,010,977
Non-Current	\$0	\$0	\$0	\$0	\$0
Total Liabilities	\$838,795	\$3,439,241	\$5,867,173	\$7,141,739	\$7,010,977
Equity	\$642,071	\$10,655,353	\$33,872,478	\$68,630,566	\$103,683,202
Total Liab. & Equity	\$1,480,866	\$14,094,594	\$39,739,651	\$75,772,304	\$110,694,179
Total Liab. & Equity	\$1,400,000	Φ14,034,334	φ39,739,031	\$13,112,304	\$110,094,179
Valuation	\$21,517,920	\$76,377,600	\$146,880,000	\$205,632,000	\$211,507,200
evenue (1x multiple)					
Investment		Loans		Cash	
Founder	\$0	Total	\$0	Breakeven	Mon 10
Preferred	\$0	Interest Paid	\$0	Least Cash	-\$3,145,756
Member	\$0	Principal Repaid	\$0	Most Cash	\$107,523,559
Total	\$0	End Balance	\$0		
120,000,000 Cash Flow		\$250,000,000 —	Profit	& Loss	
100,000,000			\$200,000,000 —		•
880,000,000			\$200,000,000		

\$60,000,000 \$40,000,000

\$20,000,000

\$150,000,000

\$100,000,000

\$50,000,000

\$0

Year 1

Revenue

Year 3

Expenses

ACTS CerarMix Solutions International LLC "Gas & Oil Division" Pro Forma Financial Prepared May 5, 2014

		•	• •		
Profit & Loss	Year 1	Year 2	Year 3	Year 4	Year 5
Net Sales	\$10,020,000	\$51,120,000	\$102,960,000	\$154,800,000	\$206,640,000
cogs	\$4,350,000	\$10,350,000	\$10,800,000	\$10,800,000	\$10,800,000
Gross Profit	\$5,670,000	\$40,770,000	\$92,160,000	\$144,000,000	\$195,840,000
Expenses	\$6,183,532	\$20,582,896	\$36,537,611	\$52,500,427	\$68,511,619
EBITDA	(\$513,532)	\$20,187,104	\$55,622,389	\$91,499,573	\$127,328,381
Amort., Dep., & Int.	\$110,033	\$233,825	\$216,988	\$159,721	\$114,143
Taxes	\$0	\$7,725,938	\$22,094,917	\$36,535,941	\$50,885,695
Net Income	(\$623,565)	\$12,227,341	\$33,310,484	\$54,803,911	\$76,328,543
	(ψ023,303)	Ψ12,221,041	ψ33,310, 4 04	ψ34,003,311	ψ10,320,343
Cash Flow	Year 1	Year 2	Year 3	Year 4	Year 5
Net Income	(\$623,565)	\$12,227,341	\$33,310,484	\$54,803,911	\$76,328,543
Changes from:	(+==,==,	* , ,- · · ·	**** ,****,***	4 0 1,000,000	* * * * * * * * * * * * * * * * * * *
Operating	\$233,656	\$17,164,314	\$38,360,961	\$59,875,709	\$81,351,637
Investing	(\$920,000)	(\$200,000)	\$0 \$0	\$0 \$0	\$0
Financing	\$0	\$0	\$0	\$0	\$0
Cash Inc. / (Dec.)	(\$686,344)	\$16,964,314	\$38,360,961	\$59,875,709	\$81,351,637
Beginning of Period	\$0	(\$686,344)	\$16,277,970	\$54,638,932	\$114,514,641
End of Period	(\$686,344)	\$16,277,970	\$54,638,932	\$114,514,641	\$195,866,278
_					
Balance Sheet	Year 1	Year 2	Year 3	Year 4	Year !
Assets					
Current	(\$686,344)	\$16,277,970	\$54,638,932	\$114,514,641	\$195,866,278
Non-Current	\$809,967	\$776,142	\$559,154	\$399,433	\$285,290
Total Assets	\$123,623	\$17,054,113	\$55,198,086	\$114,914,074	\$196,151,569
Liabilities	ψ120,020	ψ17,004,110	ψου,1ου,υυυ	Ψ114,514,614	Ψ100,101,000
Current	\$747,188	\$5,450,337	\$10,283,826	\$15,195,903	\$20,104,855
Non-Current	\$0	\$0	\$0	\$0	\$0
Total Liabilities	\$747,188	\$5,450,337	\$10,283,826	\$15,195,903	•
					\$20,104,855
Equity	(\$623,565)	\$11,603,776	\$44,914,260	\$99,718,171	\$176,046,714
Total Liab. & Equity	\$123,623	\$17,054,113	\$55,198,086	\$114,914,074	\$196,151,569
Valuation Revenue (1x multiple)	\$10,020,000	\$51,120,000	\$102,960,000	\$154,800,000	\$206,640,000
(evenue (1xmanipie)					
Investment		Loans		Cash	
Founder	\$0	Total	\$0	Breakeven	Mon 14
Preferred	\$0	Interest Paid	\$0	Least Cash	-\$1,892,324
Common	\$0	Principal Repaid	\$0	Most Cash	\$195,866,278
Total	\$0	End Balance	\$0 \$0	wost Castl	φισυ,ουυ,∠/(
	Cash Fla			Profit	9. Locs
0,000,000 Cash Flow		\$250,000,000	FIORE	Q LU33	
			\$200,000,000 —		
200,000,000		<u></u>			
			\$150,000,000		
150,000,000 150,000,000			\$150,000,000 — \$100,000,000 —		
150,000,000		are de la company			
150,000,000	or the second second	32° 02° 02° 02°	\$100,000,000 —		

44

Revenue

Expenses Net