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Jorge Carrasco, Instructor

December 18, 2017

Jc Work Force Training Center Corporation Org.

In God We trust

I believe, that all men created equal.

The second paragraph of the United States Declaration of Independence starts as follows:

We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the Pursuit of Happiness. That to secure these rights, Governments are instituted among Men, deriving their just powers from the consent of the governed; [7] The people will learn that no matter how many times someone fall, the most important is always to rise again.

Program Objective

This program was established to assist local government organizations with a new look on training opportunities through economic development for their communities. This program is meant to streamline a new employment option for those who are having a difficult time finding and maintain a 9-5 job, someone who has seen dark days with the law, or even the homeless or orphaned who is trying to get back on their feet or begin somewhere.

My Non-Profit Organization is willing to provide each level of the step-by-step training below with the financial assistance of the City, County or State Government.

At the end of the training program levels in this document is the estimated financial cost to train about 17 beginners at LEVEL I of the program.

Jc Workforce Training Center Corporation Org.

Instructor's Name: Jorge Carrasco

Date: April 30, 2019

I have been in construction for more than 20 years. I went to college and received my Business Administration degree from a university in Mexico from 1985 to 1989. My company performs all phases of construction; electrical, Mechanical, GC commercial and residential, Blueprints, water proofing interior and exterior, build ups engineering, sign and seal all at a professional permitted level.

The training will be under my non-profit organization in order to help people some way somehow to become self-sufficient and employed with the curriculum that I use.

The training program is scheduled to be on Saturdays but can be ran during the week at an additional cost for the trainer. The first and second Saturday will involve developing ideas and strategies for a successful program. Talk about how programs outcome for the trainees (e.g. benefits, limitations, suggestions, and giving a motivation that they have a second chance).

Support will be provided throughout the entire training, supervision, open opportunities for trainees to accomplish hands-on goals in a short period of time to make sure the trainees are successful.

After the first two Saturdays of training, trainees will set up all compromise that they have even with their employment if they are on probation, and second for us to set up the workplace. After the second day of training, all the following days will be work training at sites where it's required for the trainees to be wearing hard hats and using their construction tools to complete projects.

This proposal is not just for training and work on Saturdays, I would like to put one person in the field to train and supervise all five days of the week if it's considered necessary; however, there will be some additional cost to the program.

Jorge Carrasco, Owner and Instructor

TRAINING PROGRAM LEVELS

LEVEL I BEGINNERS

1. Osha – Occupational Safety and Health Administration
2. Roof leaks T
3. Trim installation
4. Framing, truss installation, sheeting,
5. Window & door installation
6. Stucco application
7. Water proofing
8. How to operate heavy equipment
9. Concrete, floor, dryways.
10. Pavers
11. Footings, rebar, columns
12. Site preparation
13. Blue prints, read, understand, electrical, mechanical, plumbing, site plan, elevation plans,
14. Minimum requirements to start a new construction

LEVEL II TECHNICAL SCHOOL

1. Osha – Occupational Safety and Health Administration
2. Blue prints, read, understand, electrical, mechanical, plumbing, site plan, elevation plans,
3. Minimum requirements to start a new construction,
4. The importance of a clean and safe place,
5. Read electrical plan, do electrical load calculation,
6. Read plumbing plans, how to calculate the meter size requirement for any construction, understand how the plumbing system works, the importance of the layout of plumbing during

design, the minimum requirement for perfect ventilation of the building, read isometric drawings.

7. Mechanical plan, read plan, understand how to calculate how many BTU (the British Thermal Unit (btu or btu) is a traditional unit of heat; it is defined as the amount of heat required to raise the temperature of one pound of water by one-degree Fahrenheit.) are required for any area, how to install a new hvac system and how to design a new duct work for diffusers and returns., how much fresh air is necessary, how much tons is required for code, how to install, repair. and to give a maintenance of a unit.

LEVEL III FOREMAN, SUPERVISOR, OR OPEN YOUR OWN BUSINESS

1. Osha – Occupational Safety and Health Administration
2. Is required to acquire experience on level 1&11, be able to read the full blue prints, and be able to find error before or during construction on any blue print,
3. Knowledge of weight of materials
4. Knowledge of minimum and maximum span on different material used for construction
5. Knowledge of loads on different types of materials
6. Knowledge of resistance of cable for scaffold on a high-rise
7. Knowledge of capacities for scaffolds on a high-rise
8. How to assemble and disassemble a high-rise scaffold,
9. Be able to read the full blue print and be able to find any errors on blue prints before and during construction,
10. Administration course (plan, organization, supervision, control & direction)
11. Take off
12. Leadership

LEVEL IV
STRAT A NEW BUSINESS, and HOW TO RUN A
CONSTRUCTION BUSINESS

1. OSHA Occupational Safety and Health Administration
2. Administration, (Plan, Organization, Supervision, Control & Direction)
3. Take off
4. How to do a draft, site plan, elevation, floor, roof, hvac, plumbing, electrical Plan
5. Marketing
6. Sales
7. Rendering
8. Financial Opportunities.

LEVEL VI
TRAINING FOR CONSTRUCTION OFFICE OPPORTUNITY

1. Osha
2. Sales work force
3. Renderings
4. Drafting
5. Read and understand the blue prints
6. Take off
7. Administration, (Plan, Organization, Supervision, Control & Direction)
8. Supervision
9. Builder assistant

LEVEL V PROJECT MANAGER TRAINING

1. Osha
2. Read and understand the blue prints
3. Take off
4. Administration, (Plan, Organization, Supervision, Control & Direction)
5. Supervision
6. Builder assistant
7. Requirements to pull a permit
8. Scheduling & Coordination
9. Construction skill
10. Leadership
11. How to operate a heavy equipment
12. How to operate and install a scaffold for a high-rise use
13. The importance of a clean and safety workarea.

Financial Proposal for Construction Training

Requirements:

Space set up with props and production materials for the trainees to learn the safety aspects of construction prior to going into the field, mixing concrete, sealant for dry wall, layout of tiles for (bathroom walls, kitchen backsplash, floors, etc.), electrical outlets, transportation, and computers to run the software to create plans, blueprints, color schemes and textures for each room in a building.

This proposal is requesting a minimum of 4 months' worth of training (1 day per week, Saturday) or 3 weeks and 1 day (Monday to Friday and one Saturday) or 16 Saturdays for work in the field.

The estimated cost to provide hands-on physical training is as follows:

\$10 dollars per hour training salary = \$80.00 dollars per 8-hour day at 16 days = \$1,280 paid training. The cost of design software = \$1,500.00 per trainee at 17 trainees (based on the need) is \$25,500 and workers compensation around 33% \$316.80 per trainee

Lunch 16 at \$10,00 = \$160.00

Total Estimates Cost per trainee = **\$3,256.8 including workers compensation**

Estimated Cost for the training = **\$55, 365.60**

Estimated Cost for Tools = **\$5,000**

Total Estimated Cost for the program = **\$60,365.60**

HOURS	TOTAL HOURS	TRAINING SALARY	WORKERS COMPENSATION	MEALS	SOFTWARE COST	ESTIMATED COST PER TRAINEE
8 per day per trainee	128 hrs. per trainee for complete training	\$10 for 8 hours= \$80 *16 days per trainee	33% or \$316.80 per trainee for 17	\$10 *16 days = \$160 per trainee	\$1,500 per trainee based on the need for software training	Overall cost per trainee = \$3,256.8
TOTAL ESTIMATED COST	17 trainees, 128 hours per trainee = 2,176	\$10 x 8 = 80 x 16 = \$1,280 x 2,176 = hours total = \$21,760	\$316.80 * 17 = \$5,385.6	Total Estimated meal cost for 16 days. For 17 trainees \$2,720	Total Estimated cost for software = \$25,500 for 17 trainees	17 TRAINEES AT \$3,256.8 PER TRAINEE = \$55,365.6 subtotal cost of training for 17 trainees + cost of tools \$5,000 = Total \$60,365.60

During training students getting the software will be compensated \$10 per hour and include Workers Compensation. On the other hand, students without the software would be compensated \$16 per hour including Workers Compensation because they are the ones in the field performing manual labor.

At the end of the 16 days of training, trainees will be ready to work on any job site. There are two or

three kinds of software depending on what they need and what the supplier has but are for construction and design. In case the city recommends the software for training more people, it can be made available. There are two options for training:

Training can be done during the week Monday-Saturday 8 hours per day, which would cost the City \$1,280 for trainer's time Monday-Friday and still free on Saturday or, Training can be done 16 Saturday's which will bring the same results, however, slows the training time down to 8 hours per week.

The first process works best if we are wanting to put people to work sooner than later.

All field training will require hard hats and proper tools (see chart for estimated cost of tools)

Tools Required:

Home Depot set of hand tools combo, hammer, gloves, boots, etc.

To help the trainees be productive they will need two days in a place to be trained for the start of the program, for safety rules and administration, and Some Bible introduction (if interested), control, supervision.

All remaining days will be spent working in the field learning on job sites. The city may provide donated materials and sites to be trained on such as (City buildings to be painted to save money's on third-party contracts). The City will also coordinate with property owners to schedule needed work on their properties as part of the training, and this will assist to lower the cost for completing projects in Newtown and other parts of the City locally.

Proposal for two (2) six months training 24 weeks or days for office training, this training is more time for computer training, so they know the files to work with, how to schedule work to be done on their properties and software review of blueprints.

To recover funding for this program, the City may contract properties to the program such as painting projects. The trainees are already being compensated for training and therefore will possess the necessary skills to perform the task. Painting an entire building may carry an estimated cost of about \$50k-\$60k and by utilizing the skills of the trainees, the City may recover the funding allocated to the program through one painting project. A supervisor may also be trained in this same process to oversee the work and therefore eliminate the project supervision of the trainer at every job site.

For this training a building painting and renovation project from the city would be ideal in order to get material, for residential jobs in place and be able to work during the week at low cost, and great opportunities for the trainees, pay them the money that they need from the beginning and utilize their training to complete community projects such as those through the Newtown Business Assistance Grant Program . We're hoping that this idea will come to fruition for the entire City of Sarasota.

Respectfully,

Jorge Carrasco, Owner and Operator