



HUNT & WOODRUFF
CONSTRUCTION COMPANY LLC.

**Purchasing Cooperative of America
ESC-Region III Purchasing Cooperative**

PCA Contract Number 3-100-17 TX

**JOB ORDER CONTRACT
BUDGET PROPOSAL**

**Hidalgo County Sheriff Dept.
Kitchen Floor Drains**



Power of Partnership

**Bringing our communities
best value and quality service.**

PCA

Purchasing Cooperative of America



Region III

Education Service Center

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Hunt & Woodruff Construction Company LLC.

Job Order Contracting Program Providers

1/21/2019

Purchasing Cooperative of America, Contract Number PCA 3-100-17 JOC- TX

“Hidalgo County Job Order Contracting Program”

Hidalgo County Sheriff Dept.
711 El Cibolo Road
Edinburg, TX 78541

Hidalgo County Sheriff Dept.
Kitchen Floor Drain Improvements

The following proposal is based on a walk through and Scope of Work development with Hidalgo Co. Sheriff Dept. staff for work in Kitchen Floor Drains

Project Description:

1. Repair damaged area in Kitchen Floor Drains areas with manufacturer's materials and application to drain by cooking area and freezer/refrigerator areas.

Our proposals include insurances, project coordination, field supervision, general labor, project management oversight, and subcontractor compliance.

WORK INSIDE DETENTION CENTER

1. Two weeks prior to commencement of work, all on site workmen of contractor and subcontractors working inside the detention center shall provide the appropriate personal information as may be required for a Hidalgo County Department background check.
2. All workers subject to the background check, shall be fully aware that any warrants or outstanding legal issues discovered through background check, will be acted on by the Hidalgo County Department at the time of discovery.
3. No cell phones shall be allowed inside work area without written permission of the Hidalgo County Sheriff Dept.
4. All tools, materials, and supplies shall be accounted for prior to entering and exiting the detention center, to ensure nothing is missing.
5. At no time, shall it be permitted to leave tools and supplies unattended.
6. Tools and supplies may be kept inside the work area in a locked gang box only with prior written permission of Hidalgo County Sheriff Dept.
7. Workers shall sign in and out each day and shall coordinate all ingress, egress, with Hidalgo County Sheriff Dept.
8. All workers shall know and strictly follow lock down policies and procedures.
9. No workers shall make contact of any kind with inmates in the facility.



www.pcamerica.org
(281) 591-4707
1-844-722-6374

10. All workers parking and deliveries staging shall be at a designated area at the facility as directed by the Hidalgo County.

11. Contractor shall notify the Hidalgo County Sheriff Dept. days in advance of any deliveries to the site and shall coordinate the same with Hidalgo County Sheriff Dept.

TECHNICAL PLAN: For repair at kitchen drain crates (2 total)

Protect fixtures and floor with drop cloth. Remove all unnecessary objects from the work areas. Cover counters, sinks, ovens, fryers and other fixtures with a drop cloth to protect them from flying pieces of tile. Cover drains with painter's tape. Lay down drop cloth over rest of floor areas.

Break through the first tile. Use a cold chisel and sledgehammer to break apart one tile, and deposit the pieces into a bucket.

Remove the tiles around drain crates (2) in total. Remove existing ceramic tiles with a flat pry bar, placing the edge low against the side of the tile and striking with a chisel.

Saw through cement board substrate. Use saw with a vacuum system equal to the Hilti dust control vacuum, to minimize dust into the air. Chip away a row of tiles to expose this substrate. Fit a reciprocating saw with a long blade (carbide-tipped masonry cutting), Cut into the side of the substrate at a low angle, making a long cut to free it from the floor beneath.

Remove the mortar bed.

Break through a small area with a chisel and sledge to the surface beneath
Using a rotary hammer with a chisel bit, chisel around a chunk of mortar 1 foot across and around drain crates approx. 30 feet and 40 feet in length per drain areas.
Periodically chiseling the mortar from the top

Mix the FAST SET EPOXY GROUT & COATING NON-SKID MATERIALS per the manufacturer's instructions. Apply concrete bonding agent per manufactures recommendations, spread the mortar with a hand trowel across the surface of the floor, starting at the outside edges of the existing floor tile and working toward the drain crates. Smooth the surface of the mortar with a trowel, to have a uniform finish running across the slope floor, with a gradual slope toward the drain.

CLEANING AND PROTECTION

1. Touch up any imperfections in finishes.
2. Clean work area of debris associated with installation.
3. Allow to cure for 24 hours.
4. Wipe down repaired area with a damp cloth and remove all dust.



EXCLUSION:

1. Structural Requirements.
2. Professional Engineering of any kind.
3. Faulty existing equipment replacements, mechanical or electrical.
4. Anything not included in the Proposal or Scope of Work provided.
5. Commissioning in its entirety, (not required).
6. Beyond as scheduled, expedition of deliveries of equipment or materials.
7. No electrical or A/C work is covered in the base proposal.

Similar floor drain grate in kitchen area and electric saw cutter with filter vacuum to be used during the cutting of floor tile.



Sample pictures of similar grate and recommended dust control system.



Diamond Grinding Wheels

Trowel on Epoxy

Sample Finishes



Color Chips

Non-Slip Topping

Epoxy Primer

Crack Repair

Commercial Epoxy Flooring for Kitchen and Correctional Facilities

This epoxy system consists of our high-performance epoxy primer and super heavy-duty epoxy coating. This system has standard dry times of 5-6 hours for the primer and 8-10 hours for the epoxy.



True-Bond PS™ (Poly-Sulfide) [View Label](#)

Bonds and cures on damp surfaces! A MUST for oily conditions!

- Heavy Duty Industrial Use
- 100% Solids, Pure Epoxy for Permanent Repairs
- Easy to Apply
- In-House Maintenance Personnel Achieve Professional Results

This material is formulated for wet surface application, which has made it a big hit in food processing plants in the U.S. for years. This product is also perfect for making repairs to surfaces that have been saturated with oils or fats where most materials won't adhere. With proper cleaning using our Super Aqua Solv and following simple yet specific instructions, even these areas can be completely repaired using **True-Bond PS™**. Quickest cure is at 70°F or higher but can be used at lower temperatures.

Included in the kit:

Two containers of Part A

Two containers of Part B

(Super Aqua-Solv Floor Prep included with every order)



Open Book Unit Priced Job Order Contracting Proposal Estimate

Note: This initial Open Book Line Item Unit Estimate Proposal is for detail review and open discussion of the Job Order Contracting Program Team JOCPT to ensure clarity and accountability of the Scope of Work and the related Budgeted Estimated Costs as they are currently reflected in the attached Proposal Budget Estimate. The Cooperative Client Member and JOC Contractor are to review each line item unit costs in a professional assessment and assurance that the project costs reflect a reasonable fair representation of local costs for the work to be performed as described by this Scope of Work (SOW). *This proposal is subject to any written revision requested by the Owners or recommended by the JOCPT.*

Qty	Craft	Hours	Unit	Material	Labor	Equipment	Total
General Requirements:							
Liability insurance General Contractors							
Per Unit:	--@.0000		C\$	0.00	0.00	320.00	320.00
1.00	--@.0000		C\$	0.00	0.00	320.00	320.00
Workers compensation coverage							
Construction laborer							
Per Unit:	--@.0000		C\$	0.00	0.00	500.00	500.00
1.00	--@.0000		C\$	0.00	0.00	500.00	500.00
General non-distributable supervision and expense Job superintendent							
Per Unit:	--@40.00		Ea.	0.00	1,200.00	0.00	1,200.00
1.00	--@40.00		Ea.	0.00	1,200.00	0.00	1,200.00
Direct overhead Truck and fuel for superintendent (\$450 per month)							
Per Unit:	--@40.00		M\$	4.46	0.00	120.00	124.46
1.00	--@40.00		M\$	4.46	0.00	120.00	124.46
Direct overhead Cellphone (\$50 per month)							
Per Unit:	--@.0000		M\$	20.00	0.00	0.00	20.00
1.00	--@.0000		M\$	20.00	0.00	0.00	20.00
**Subtotal: 01 General Requirements							
	80.3			24.46	1,200.00	940.00	2,164.46
Existing Conditions:							
Saw rental. Tile saw and dust control vacuum, wet cut, Rental for Day							
Per Unit:	--@.0000		Ea	0.00	0.00	425.00	425.00
1.00	--@.0000		Ea	0.00	0.00	425.00	425.00
Concrete slab sawing for drain crate not sloped 1" deep, to create slope from existing floor level to drain crate (cooking wall section)							
Per Unit:	--@.1670		LF	0.00	3.01	0.00	3.01
75.00	--@12.52		LF	0.00	225.75	0.00	225.75
Floor demolition Ceramic or quarry tile, for freezer/refrigerator and cooking areas (2)							
Per Unit:	CL@.4440		SF	0.00	3.50	0.00	3.50
160.00	CL@71.04		SF	0.00	560.00	0.00	560.00

Qty	Craft	Hours	Unit	Material	Labor	Equipment	Total
Load demolition debris and dispose of at a legal dumpsite on loaded and unloaded by hand							
Per Unit:	C4@.8280		Ea.	0.00	150.00	50.00	200.00
1.00	C4@.8280		Ea.	0.00	150.00	50.00	200.00
Subtotal: 02 Existing Conditions							
	85.1			00.00	935.75	475.00	1,410.75
Concrete Floor Epoxy Repair							
Acid clean chipped and ground floor area							
Per Unit:	B6@.5000		SF	0.00	1.14	0.00	1.14
160.00	B6@80.50		SF	0.00	182.40	0.00	182.40
Float finish, prep and spreading of True Bond epoxy mixtures.							
Per Unit:	B6@.5000		SF	3.70	2.20	0.00	5.90
160.00	B6@80.50		SF	592.00	352.00	0.00	944.00
Anti-skid epoxy concrete coating compound mixture for cooking and freezer areas drain areas (2) \$220.00 per 3-gallon containers.							
Per Unit:	B6@.0250		SF	2.30	2.20	0.00	4.50
160.00	B6@.2250		SF	368.00	352.00	0.00	720.00
Subtotal: 09 Finishes							
	80.7			960.00	886.40	0.00	1,846.40
<hr/>							
Total Manhours, Material, Labor, and Equipment:							
	246.1			984.46	3,022.15	1,415.00	5,421.61
Total Only (Subcontract) Costs:							
							5,421.61
							433.77
							1,084.32
							n/a
							208.17
							\$ 7,147.87

Total completed job for; Seven Thousand One Hundred and Seven Dollars (\$ 7,147.00) Rounded

Thank You Very Sincerely

Keith F Hunt

Keith F Hunt
Hunt and Woodruff Construction LLC



TRUE-BOND Specifications

TECHNICAL BULLETIN FOR SEALING, COATING AND SLIP-PROOFING

A 100% Epoxy Hi-Build Finish for Walls, Floors and Metals To Resist Chemicals, Abrasion And Wear.

DESCRIPTION: TRUE-BOND is a two-part thermosetting epoxy resin formulation with the consistency of a heavy body coating to yield a high build finish on wall and floor surfaces. This tough and versatile finish has been developed as the result of extensive laboratory evaluation and a field history of over 15 years.

TRUE-BOND protects masonry, metal and dry wall against harmful attacks by acids, alkalies, oils, solvents and other deleterious materials.

This product applied by brush, roller or spray, upon curing, forms a tough, impervious, chemically resistant surface over any sound substrate.

TRUE-BOND is adaptable to be applied incorporating fiberglass cloth, chopped fiberglass rovings and non-slip aggregate to interior, exterior and immersion exposures, producing a floor and wall surface that is highly resistive to wear, abrasion and chemicals.

USES: Food Plants Dairies Subway Areas Garage Areas Drug Plants
Plating Areas Construction Projects Locker Rooms Breweries Kitchens Chemical
Plants Laboratories Swimming Pool Areas and similar places where a sanitary, corrosion resistant surface is required.

ADVANTAGES: Chemical resistance - will resist all food and liquid spillage, chemicals, most acids, oils grease and most solvents. It is waterproof.

Strength and permanence - the impact strength and abrasion resistance are five times greater than concrete.

Beauty - will give a new rich appearance to old surfaces as well as an attractive finish on new installations.

Bonding - will adhere to any sound substrate.

Economical - will outlast all conventional products. No maintenance will be required over years of service.

SURFACE PREPARATION: Floors and Concrete - All surfaces must be clean, free of dirt, oil, grease, traces of asphalt, efflorescence and frost free. Paint, loose concrete, mortar drippings, foreign matter and all other surface contaminations shall be removed by wire brushing, grinding or sandblasting. Do not apply on surfaces which have been sealed with a permanent type of form oil, release agent or curing compound. Remove these before application. Surface temperature must be above 60 degrees Fahrenheit and rising.

Scarifying may be accomplished by chipping hammers, scarifiers, steam cleaning, or sandblasting. Oil, grease, dirt, etc. may be removed with a solution of tri-sodium phosphate (TSP), Oakite 24 or any non-filming detergent. Thoroughly flush and rinse.

Acid etching - on new concrete surfaces remove "laitance" and unbonded cement particles by acid etching. Dampen surface with tap water. Dilute muriatic acid (hydrochloric acid) to a 10% solution (always adding the acid to the water). Scrub onto the surface at the rate of 50 sq. ft per gallon. Allow to sit for 20 minutes or when acid "bubbling" stops. Scrub and flush thoroughly with clean water. Repeat flushing adding 2% household ammonia to water for neutralization. Remove water by squeegee, broom or vacuum cleaner. Allow to dry. Note - if the use of muriatic acid is prohibited, check with manufacturer for substitute etching solution.

Wood: Wood surfaces receiving TRUE-BOND must be clean, free of paint or resin. Wood surface should be sanded to remove contamination.

Metal: Metal surfaces to which TRUE-BOND is to be applied should be rigid and free of oil, grease, rust, paint, dirt and scale. To remove scale and rust, sandblast or power wire brush. To degrease, use methylene chloride. Once area is prepared, apply TRUE-BOND immediately on dry surface.

MIXING AND APPLICATION: Mix and proceed only when area is prepared properly and ready for application. Work time for mixed TRUE-BOND is approximately 30 minutes. Slowly add all the contents of PART B into PART A. Mix thoroughly with a paint paddle or slow speed mechanical mixer. To reduce exothermic reaction, pour mixed components in a flat pan. TRUE-BOND may now be applied by brush, roller or spray. Material should be applied quickly and not reworked after it has begun to set.

Apply uniformly with long even strokes of the roller or brush in two applications. If a non-slip finish is desired, broadcast aluminum oxide, carborundum or fine dry sand on first application within 1/2 hour after application. When material is dry sweep off excess non-slip aggregate and apply the finish coat.

COVERAGE: Approximately 300 square feet per kit, depending on porosity of surface and thickness of application.

Mix small quantities only. Pot life at 70°F is 30 minutes.

keep away from heat and open flame. USE GOGGLES, PROTECTIVE CLOTHING AND GLOVES.

CLEAN TOOLS with solvent such as methyl ethyl ketone or toluene.

CAUTION: TRUE-BOND CONTAINS AN ALKALINE AMINE. AVOID CONTACT WITH SKIN OR EYES. IN CASE OF CONTACT, WASH SKIN WITH SOAP AND WATER. FLUSH EYES IMMEDIATELY WITH WATER AND SEE A DOCTOR. IF TRUE-BOND IS USED INDOORS, PROVIDE ADEQUATE VENTILATION.

IMPORTANT NOTICE TO PURCHASER: The following is made in lieu of all warranties, express or implied: R.C. Davis Co. Inc. shall not be liable for any injury, loss or damage, direct or consequently arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in conjunction therewith. The foregoing may not be altered except by an agreement signed by officers of R.C. Davis Co. Inc.

MATERIAL SAFETY DATA SHEET
Page 1

True Bond PS For Coatings, Resins and Related Materials

Date of Prep - 02-07-2005
FORM OSHA-20

Accepted by O.S.H.A. Essentially similar to

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER - R. C. DAVIS CO. INC.
PLAINVIEW, NY 11803
CONTACT * PRODUCT NAME - True Bond PS
Class - Epoxies

1600 OLD COUNTRY RD
FOR EMERGENCY
516-694-2080 * PRODUCT

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	% Vol	ACGIH TLV epoxy resin
25068-38-6	75 - 100 %	* non haz aromatic hydrocarbon	64741-81-7 25 - 50
* TLV not estab Section 313 Supplier Notification This product contains the following chemicals which are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372; CAS #			
Percent by weight	64741-81-7	aromatic hydrocarbon	25 - 50%
			Chemical Name

SECTION III- PHYSICAL DATA

Boiling Point deg. F - 500-700
.01 mmHg
Evaporation Rate - N/A
Weight/Gallon @77F - 9.3 lbs
% volatile by vol. - 0 %
Vapor Density - heavier than air
BuAc = 1

SECTION

IV - FIRE & EXPLOSION HAZARD

Flash Point Deg F - 320
Lel - N/A Uel - N/A DOT Classification - Not regulated
Flammability Limits Method Used -TCC

SECTION V - HEALTH HAZARD

Acute Overexposure - Irritant to Skin
Chronic Overexposure - Prolonged contact with skin can result in dermatitis and swelling.
Swallowing can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Emergency and First Aid Procedures
EYE CONTACT - Flush immediately with large volumes of water for at least 15 minutes, take to a physician for medical treatment.
SKIN CONTACT - Wash well with Soap & Water
INGESTION - Consult physician or Poison Control Center Immediately.

SECTION

VI - REACTIVITY DATA

Stability - STABLE - Hazardous polymerization may occur. Conditions to Avoid -Avoid contact with Acids and Oxidizing agents. Thermal Decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen. Do not leave mixed materials unattended as excessive heat may be generated by chemical



reaction and curing. =====

SECTION VII - SPILL OR LEAK PROCEDURES

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Spills - Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and pick up with shovel. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Stop spill at source. Waste Disposal Methods - Place in closed containers. Carefully incinerate or use sanitary landfill in accordance with local and federal regulations.

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SECTION

VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection - NIOSH approved chemical/mechanical filters designed to remove a combination of particulates and vapor where concentrations are encountered. Ventilation - Local exhaust Preferable Mechanical exhaust acceptable Protective Gloves - Neoprene or rubber gloves Eye Protection - Chemical safety goggles Other - Impervious apron and boots; eye wash.

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SECTION

IX - SPECIAL PRECAUTIONS

===== Precautions to be taken in handling & storage - Practice reasonable care and cleanliness. Other - Avoid gross contamination of skin. Wash off skin with soap and water.

