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ADDENDUM NO. 5

RFP #11-029

Date: 12-2-11
To: All Interested Parties
From: Steve Gibson
GRP Division Buyer
San Jacinto River Authority

The following Revised Drawings, Specifications, and Clarifications are hereby made a part of the RFP Documents for the above referenced project as fully and as completely as though the same were included therein.

I. Drawing Items:

The revised sheet (01E-102) includes the addition of J-boxes for future card readers at exterior doors 106A and 107

II. Specification Items:

1. Specifications to be edited as follows:

Division 08700, Part 3.3 Schedules, Paragraph A : **ADD** "Future Card Reader Provided by the Security Contractor" and "Shared Power Supply Provided by the Security Contractor" to Hardware set No. **11 & No. 12.**

III. Clarification Items:

Items listed below are responses/clarifications to questions submitted by Proposers.

1. Will the architect accept a different roof panel type? The panel they have selected is through one manufacturer who will not pass on pricing. We have a comparable panel that is a 16" mechanically seamed, architectural panel, but it is not a snap lock like the one they have specified. Our panel is a better product, but I don't know if they'll accept it.

Response: SBS-Schulte is in the specifications as an acceptable manufacturer. As long as this manufacturer meets specification requirements (wind, warranty, etc.), then, yes it is acceptable to use.

2. I need clarification on the painting requirements on the steel building frames. Their spec's are somewhat confusing about this situation. Basically, our standard shop primer is 1Mil thick. Is that acceptable?

Response: A min. 1 Mil. thick shop primer is acceptable.

3. Are stainless steel screws required?

Response: Yes, please provide per specifications.

4. Sec. 8700. Under hardware sets 2, 11 and 12, there is a notation at the end of the set – Windstorm Test Opening. Please define the intent of this note. Also, there is no mention of "Windstorm" on exterior opening # 123 – HW set #1.

Response: HW Set #1, 2, 11 and 12 to have "Windstorm Tested Opening" note. This is just a note so that the hardware supplier & hollow metal supplier know that "Windstorm" is required. Windstorm is what is referenced for Hurricane Testing.

5. Sec. 8700. Opening #206 is not listed on the hardware schedule, however it is found on the door schedule / plan (01A-600) as hardware set # 13. Should this hardware be added to set # 13?

Response: Door #206 should have Hardware Set #13

6. Drawing 01-E-103 refers to "Site Plan" for continuation of underground communication conduit and we are unable to locate this on the Site Plan Drawings. No information of the type of communications cabling that is required for this connectivity is included. – Please clarify

Response: Underground communication cable is to be provided by OWNER under a separate contract.

7. Specification 16711 -1, Part 2 – Products.2.2. Unshielded Pair Cable System, A.and C. specifies two (2) Cat-6 Cables and two (2) connecting hardware. Drawing 01E-004, Detail for the Tele-Data Outlet indicates three (3) Cat-6 cables with three (3) connecting hardware. Please Clarify

Response: Provide and install two (2) Cat-6 cables and two connecting hardware as per specifications and not per detail on sheet 01E-004

8. On Addendum #4, Item #4 which states that the data and communication shall be provide by Owner. Does this include the cabling or only the data and communication systems / equipment? Specifically, we're not sure if we are to include the cabling.

Response: Data and communication cabling shall be provided and installed by contractor as part of the construction on GRP Building #1. All equipment shall be provided by owner.

9. Currently the Specifications are pretty ambiguous as to impact resistance, light transmission and shading coefficient. Can we discuss or can you confirm exactly what the application is calling for

in these respects. A 0.53 U factor is an empty cavity without insulation while a 0.29 U factor is usually what we see in this market. In speaking with Wes at HDR, I also just wanted to confirm the impact resistance needed, if it's small missile, large missile.

Response: Translucent Wall Panel System shall have a "U" value of 0.53 with a shading coefficient of 0.46. Panels shall be hurricane rated and meet large missile impact rating. Refer to Division 08959, Part 1.3, section C, 2a for detail.

10. Addendum #4, Item 5g indicates that all bidders should include hydro mulch at all disturbed areas. It does not specifically state that those same areas are to receive 4" topsoil, which Keynote #15 does indicate for some specific areas. Hydro mulch is cheap, but topsoil can get expensive. Please clarify if all disturbed areas (other than what is specifically noted by Keynote #15) are to receive both 4" topsoil and hydro mulch OR just the hydro mulch.

Response: Provide topsoil at indicated areas only, hydro mulch at all disturbed areas.

11. Room finish schedule indicates ceiling finish as ACT only, but finish/ color schedule indicates an ACT-1 and ACT-2. Conference rooms in room finish schedule indicate CPTT-1,2 but finish/ color schedule does not list a CPPT-2

Response: All ceiling grid throughout the building is to be ACT-1, 2'x2' in size. There is no installation of ACT-2 anywhere. There is no CPTT-2. Only carpet tile to be installed is CPTT-1.

12. Please inform as to what jurisdiction is responsible for issuance of the "building" permit?

Response: SJRA will provide all required Permits with the exception of the Fire Marshall Approval of the Contractors Fire Protection Shop Drawings.

13. Specifications do not list any type of allowances - please confirm that no "cash" allowances are to be included with the proposal cost.

Response: Per this Addendum #05, all Proposers are to include a \$5,000 Road Repair Allowance. Add this Definition to the General Conditions: Allowance – A not-to-exceed amount which is established by the OWNER as part of the Contractor's Proposal when the precise scope of a particular line-item has not be defined to a level adequate for the Contractor to provide a definitive line item price for that particular scope of work. The use of any Allowances by the Contractor will be subject to the OWNER's sole approval.

14. Is it permissible that construction scheduling be performed in Microsoft Project?

Response: Microsoft Project is acceptable for Project Scheduling.

15. Drwg. 01C-102; Note No. 1 - currently there is NO access from Longmire Road - correct? All current access is from Dam Site Road and across the existing dam structure.

Response: Correct, at this time all access will be from Damsite Road and across the existing dam structure. Any large deliveries (equipment/material) will be allowed to use the West Dam entrance with coordination between the SJRA and the Contractor.

16. Drwg. 01C-110; Note 2 - erosion control details are 01C-111.

Response: Yes, details are on sheet 01C-111, not 01C-110.

17. Confirm that "plumbing" design drawings will not be issued.

Response: Correct, please see Addendum #04.

18. Addendum No. 4 revised the "construction limits". Is the additional limestone road construction now become a part of this contract's scope of work?

Response: Yes, this was the purpose of the updated drawing.

19. Drawing 01A-601 - Room Finish Schedule, Women's 105 & Men's 108 show wall finish to be installation of field ceramic tile sized 4" x 4" but on 01A-201 elevations and note #2 show field tile to be 6" x 6" - which is it to be? Also, on the same Room Finish Schedule drawing it states the use of CPTT1 & 2, but Color Schedule only list CPTT-1 - what is CPTT-2?

Response: The only Carpet Tile to be installed is CPTT-1, CPTT-2 was removed. Ceramic wall field tile to be 6x6, not 4x4.

20. Are the interior door frames aluminum Storefront or Raco frames? Alum Storefronts cannot be fire rated.

Response: Interior door frames are to be Aluminum. Interior door frames are to be Raco style frames.

21. HDR, Inc. shows facing as Vinyl with Foil Scrim. Does the Architect mean VRR-Plus Or Polypropylene scrim Kraft?

Response: VR-R Plus is acceptable

22. How is the R-25 at the exterior walls supported? It is too thick to screw the wall panels through.

Response: Exterior building insulation is to be installed with-in (or between) girt space.

23. Is the roof insulation R-30 a banded system or draped system?

Response: Our recommendation is a banded system, but install per metal building manufactures recommendation.

24. Does OWNER desire to have any earthen spoils generated by the construction remain stock piled on – site for their future use or does the Owner require that all "spoils" be hauled off-site?

Response: Stock piled onsite as directed by the OWNER is acceptable.

25. Soils Report, under Table 3 - Typical Pavement Sections states that for rigid pavement (concrete) with thickness of 8" to have lime-stabilized sub-grade thickness of 8" but Detail 4 - 01C-112 denote subgrade to receive 6" of lime-stabilization. Please clarify.

Response: Please provide 8" of lime-stabilized sub-grade.

26. Detail 10/01C-112 states the diameter of pipe bollard is to be 8" but Key Note 7 on 01A-100 states bollard have a 6" diameter - which is it?

Response: Please provide 6" bollards

27. Please define glass types 1 & 2.

Response: Refer to specifications, Division 08800, part 3.4 Schedules. Glass types are listed here.

28. Please provide specification for Residential Appliances

Response: Appliance model and manufacturer are indicated on sheet 01A-202, Keynotes 24, 25, and 26. No specifications are included for appliances.

29. On page 00310-7 of the Statement of Qualifications, under Table 4, under Projects (1), asks us to provide a narrative description of Contractor's approach to completing this project to provide best value for the Owner... Item #9: "meeting HUB / MWBE participation goal". I did not find any requirements for HUB / MWBE elsewhere and wanted to confirm that there is not a HUB / MWBE participation goal on this project. Please confirm.

Response: There is not a HUB/MWBE participation goal on this project.

30. Core material for Plastic Laminated Casework? Specifications in Section 06410- (Architectural Cabinetwork), Part 2.3 (Fabrication) Paragraph C (Plastic Laminate Casework Fabrication) Lines 3a-5a-6a-7a specify minimum ¾ in particle board for case bodies, shelves, doors, and drawer fronts. Notes on sheet 01A-203 (Architectural Millwork Details) indicate P-lam on moisture resistant plywood.

Response: Core material for Plastic Laminated Casework at all "wet" areas shall be moisture resistant plywood. These areas include: Break Area - 121, Break Room - 109 and Restrooms. At all other areas, particle board is acceptable.

31. Can matching PVC edge banding be substituted for laminate edge banding on case bodies, doors, and drawer fronts? Section 06410 – (Architectural Cabinetwork), 2.3 (Fabrication) Paragraph C (Plastic Laminate Casework Fabrication) Lines 2a

Response: No, provide per Specifications.

32. Should interior of closed cabinets be white? See Sheet 01A-201 and 202 – Keynote 17 states P-lam adjustable shelving (PI-2) the same as the face laminate.

Response: Lining/Adjustable Shelves – White/Black (color determined by OWNER) melamine interiors in all cabinets

33. In Specification Section 00310, Part 3, Item A – It states to provide a tab to separate materials responding to each of the criteria A through G described in the Article 2 above. Are A through G the same as items 1 through 7 in the criteria chart?

Response: Correct, A through G is the same as 1 through 7.

34. Does the required digital copy of the Contractors Proposal need to include the completed Proposal Form (Contract Sum) and List of Major Subcontractors?

Response: The Proposal Form (Contract Sum) and List of Major Subcontractors may be excluded from the digital copy, but all other information must be provided within the digital copy.

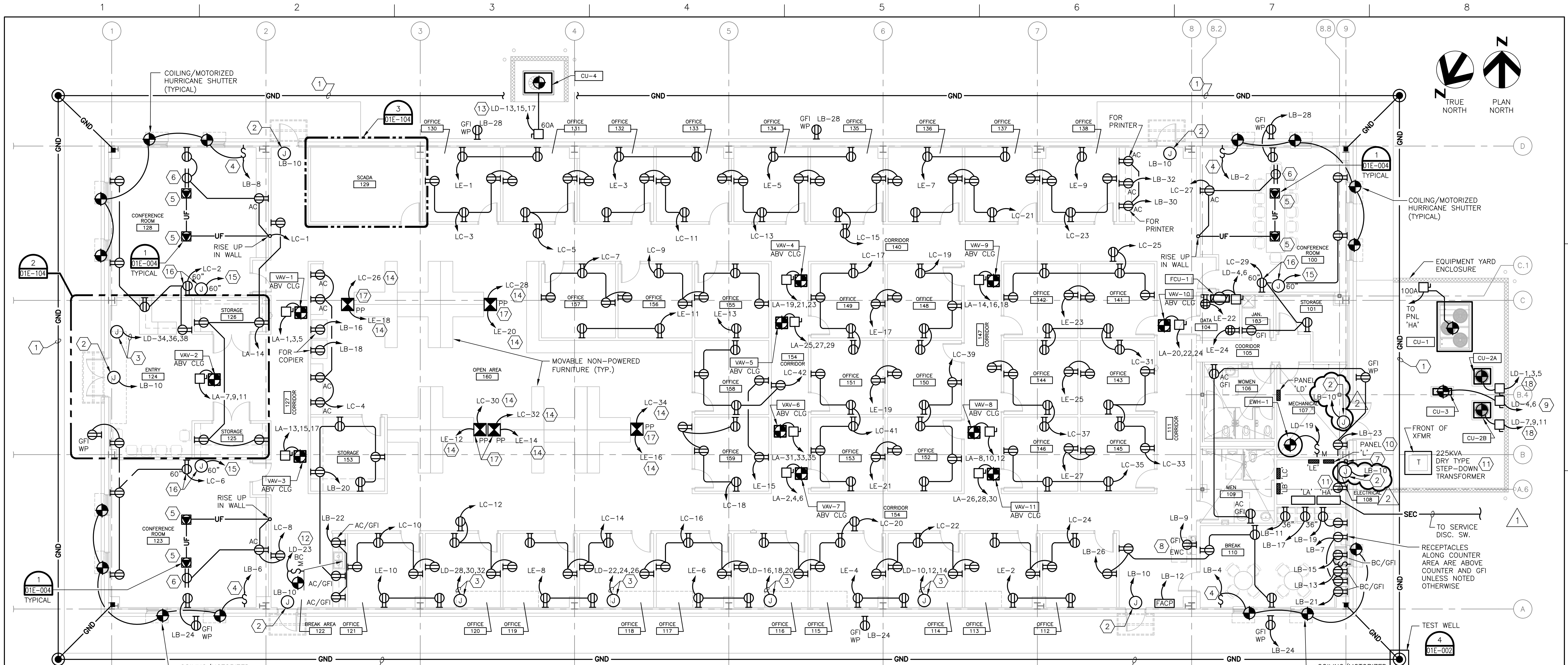
Please acknowledge receipt of this addendum with signature and date and return with completed bid. Failure to do so may cause your bid to be considered non-responsive.

Receipt of this Addendum No. 5 is hereby acknowledged

Authorized Signature

Date

Company Name



FIRST FLOOR PLAN - POWER

SCALE: 1/8" = 1'-0"

01E-102

GENERAL NOTES - POWER:

1. NO MORE THAN THREE CIRCUITS PER "HOMERUN" SHALL BE INSTALLED.
2. MINIMUM SIZE CONDUIT PER HOMERUN SHALL BE 3/4".
3. ROUTE MINIMUM #10 CONDUCTORS FOR 120V CIRCUITS 75 FEET OR MORE.
4. CONDUITS SHALL BE INSTALLED PERPENDICULAR AND PARALLEL TO BUILDING LINES.
5. CONDUITS STUBBED-UP INTO CEILING SPACE SHALL BE FURNISHED WITH PLASTIC BUSHING AT END OF CONDUIT.
6. EXPOSED CONDUIT INSTALLATIONS ON THE EXTERIOR OF THE BUILDING ARE NOT ALLOWED.
7. THE REQUIREMENTS OF AMP RATING AND NEMA CONFIGURATION OF SPECIAL PURPOSE RECEPTACLES SHALL BE COORDINATED WITH THE ENGINEER.
8. LOCATE 'ABOVE COUNTER' DUPLEX RECEPTACLES ABOVE COUNTER BACKSPLASH.
9. RECEPTACLES CONNECTED TO UPS SHALL BE PROPERLY IDENTIFIED ON FACE PLATE (APPROVED BY ARCHITECT/ENGINEER).
10. SAFETY DISCONNECT SWITCHES SHALL BE MINIMUM 30A/3P UNLESS INDICATED OTHERWISE.

KEYED NOTES - POWER:

1. ROUTE #4/0 BARE COPPER GROUND ELECTRODE LOOP AROUND PERIMETER OF BUILDING AT MIN. 30" BFG AND 5'-0" FROM BLDG. WITH STRUCTURAL CONNECTIONS AS INDICATED IN GROUNDING SPECIFICATION. SEE SPECS FOR SPECIFIC GROUNDING REQUIREMENTS.
2. FURNISH AND INSTALL POWER FOR FUTURE MAGNETIC DOOR HOLDER/CARD READER. CIRCUIT WITH OTHER DOOR HOLDERS.
3. FURNISH AND INSTALL RACEWAY (FOR POWER) FOR FUTURE ROLL-UP DOOR ASSEMBLY. LOCATE JUNCTION BOX AT STRUCTURE AND LABEL "ROLL-UP DOOR POWER. ROUTE 1" CONDUIT WITH PULL STRING TO PANEL 'LD'.
4. FURNISH AND INSTALL A MOTORIZED HURRICANE SHUTTER OPERATION SWITCH WITH 3-POSITION 'UP-OFF-DOWN' CONTROL. COORDINATE WITH SUPPLIER FOR EXACT REQUIREMENTS (CIRCUIT OVERCURRENT PROTECTION AND AMPACITY BASED ON 2AMP LOAD EACH MOTOR. ADJUST AS REQUIRED BASED ON ACTUAL SUPPLIED SHUTTER). ROUTE CIRCUIT THROUGH SHUTTER TIME SWITCH. REFER TO KEYED NOTE 7.
5. FURNISH AND INSTALL A FULLY-ADJUSTABLE CAST IRON RECESSED FLOOR BOX (WIREMOLD CAT. NO. RFB4-CI-1, OR EQUAL). ROUTE A 3/4" CONDUIT WITH CABLEING TO COMM. ROOM FOR DATA AND VOICE. ROUTE 2-#12 CONDUCTORS AND 1-#12 GROUNDING CONDUCTOR IN A 3/4" CONDUIT. RISE UP CONDUITS IN WALL. COORDINATE EXACT LOCATION WITH ARCHITECTURAL AND STRUCTURAL PRIOR TO ROUGH-IN.
6. FURNISH AND INSTALL RECEPTACLE AT CEILING FOR PROJECTOR.
7. FURNISH AND INSTALL DIGITAL TIME SWITCH FOR CONTROL OF SHUTTERS.
8. LOCATE DUPLEX RECEPTACLE BEHIND ELECTRIC WATER COOLER. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.
9. ROUTE CONDENSING UNIT CIRCUITRY TO CIRCUIT BREAKER VIA FAN COIL UNIT.
10. FURNISH AND INSTALL 24" SQUARE JUNCTION BOX AT ELEVATION ABOVE CLG. ABOVE FUTURE PNL 'M' LOCATION FOR TERMINATION OF ELEC. UNIT HTR CONDUITS.
11. RELOCATED EQUIPMENT FROM PILOT PLANT PROJECT. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
12. FURNISH AND INSTALL DISCONNECT SAFETY SWITCH FOR INSTANTANEOUS WATER HEATER UNDER-COUNTER. VERIFY EXACT REQUIREMENTS WITH SUPPLIER PRIOR TO ROUGH-IN. ROUTE 2 #10 AND 1 #12 GND IN A 3/4" C.
13. ROUTE 3#6 CONDUCTORS AND 1#10 GROUNDING CONDUCTOR IN A 1" C.
14. ROUTE CIRCUIT TO (2) RECEPTACLES ON POWER POLE.
15. ROUTE 3/4" CONDUIT WITH PULLCORD TO TELEPHONE TERM BOARD IN DATA ROOM (FOR CATV).
16. LOCATE RECEPTACLE AND CATV J-BOX IN CENTER OF WALL.
17. FURNISH AND INSTALL AN ALUMINUM 2-COMPARTMENT 2-CIRCUIT POWER/COMMUNICATIONS POLE. (WIREMOLD CAT. NO. ALTP-20W OFFICE WHITE, OR EQUAL). EXTEND POLE 12" ABOVE CEILING MIN. COORDINATE LOCATION WITH OWNER AND WITH FURNITURE (CUBICLES) LAYOUT PRIOR TO ROUGH-IN. POLE SHALL BE EQUIPPED WITH 4 RECEPTACLES.
18. ROUTE 3 #10 CONDUCTORS AND 1 #12 GROUNDING CONDUCTOR IN A 3/4" C.

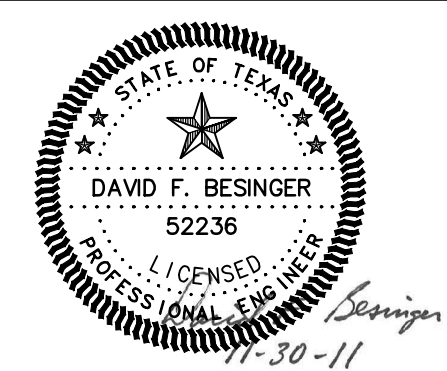


HDR Engineering, Inc.

Texas P.E. Firm
Registration No. F-754

ISSUE	DATE	DESCRIPTION
2	11-30-2011	ADDENDUM NO.5
1	11-14-2011	ADDENDUM NO.3 (ADD ALTERNATE)
	10-03-2011	FINAL SIGNED AND SEALED
	09-21-2011	100% REVIEW SUBMITTAL
	08-12-2011	100% FINAL SUBMITTAL

PROJECT MANAGER	W. WARD
DESIGNED BY	D. BESINGER
DRAWN BY	M. WARLEN
CHECKED BY	D. BESINGER
PROJECT NUMBER	00000000162444



**SAN JACINTO RIVER
AUTHORITY**

**GRP BUILDING #1
ELECTRICAL
POWER
FIRST FLOOR PLAN**



FILENAME 01E-102.dwg
SCALE 1/8" = 1'-0"

SHEET
01E-102