



Hon. Pedro R. Pierluisi Urrutia  
Gobernador

Lcda. Karla G. Mercado Rivera  
Administradora y Principal Oficial de Compras

**NOTIFICACIÓN NÚM. 3  
SUBASTA FORMAL 22J-07267**

**PARA LA ADQUISICIÓN E INSTALACIÓN DE TRANSFORMADORES PARA SUBESTACIONES  
DE 38 KV UBICADAS EN EL CRM DE BAYAMÓN  
(ANTIGUA INSTITUCIÓN DE JUVENILES) Y CTS DE VILLALBA,  
ADSCRITOS AL DEPARTAMENTO DE CORRECCIÓN Y REHABILITACIÓN  
DEL GOBIERNO DE PUERTO RICO**

**ASUNTO: CONTESTACIÓN DE PREGUNTAS**

Se notifica a los licitadores interesados a participar en la subasta de referencia, las siguientes preguntas y contestaciones:

**Perfect Electric Services & Contractor, Inc.:**

1. En Bayamón, el transformador removido no tenía abanicos para sistema de control de temperatura alguno, por lo cual, se entiende que no tiene CPT. En la sección VII, inciso 4, letra (a) del pliego se especifica un CPT para abanicos de motor a 120V, ¿se requiere el CPT? En la afirmativa, ¿quién sule los abanicos?:

**Respuesta: Si es requisito para cumplir con los procedimientos y normas de LUMA, procede, de lo contrario, no procede.**

2. En Bayamón, la placa del transformador removido indica que las bobinas del núcleo son hechas con aluminio. ¿Para la fabricación, se conservará la condición original que es de aluminio o se mantiene el uso del cobre según la respuesta previa durante el proceso de subasta?

**Respuesta: Cobre.**

3. Por otro lado, no quedamos satisfechos con la respuesta a nuestra pregunta # 7 de la sesión de preguntas inicial. La respuesta emitida, “La nota hace referencia a los planos provistos con el pliego.”, es errónea. La información provista de planos en el pliego son solo copias parciales de las hojas originales, razón por la cual, la contestación a la pregunta debe estar en esas hojas. ¿Qué dice tal nota “A” o podrán enviar los planos originales?

**Respuesta: Ver Anejo Núm. 1, adjunto a esta Notificación.**



Esta Notificación forma parte del pliego de subasta y quienes interesen licitar, tendrán que considerarla al presentar su oferta. Todos los demás términos, condiciones y especificaciones permanecerán sin alterar.



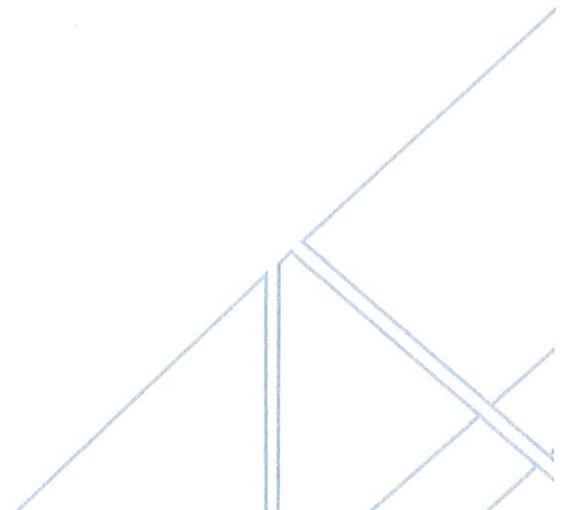
Irma Hernández Costa  
Secretaria Alterna  
Junta de Subastas



**Emitido hoy martes, 9 de agosto de 2022**  
**San Juan, Puerto Rico**



**ADMINISTRACIÓN DE SERVICIOS GENERALES**  
Gobierno de Puerto Rico  
PO Box 41249  
San Juan, PR 00940  
(787) 759-7676  
administracion@asg.pr.gov



<p>DIUM NE. L AT</p> <p>FORMER WITH O POLE MTD.</p>	<p style="text-align: right;">1-26 J.R.</p>													
<p>ION</p> <p>OTTOM OF THE GROUND</p> <p>SHARP</p> <p>RMER GROUND UND MAT.</p> <p>CONTRACTOR S BEFORE</p>	<table border="1"><tr><td>PARTNER IN CHARGE:</td><td>JOSE RODRIGUEZ BARCELO A.J.A.</td></tr><tr><td>DESIGN CAPTAIN:</td><td>JOSE MIRABAL</td></tr><tr><td>JOB CAPTAIN:</td><td>L. VIDAL</td></tr><tr><td>CHECKED BY:</td><td>R.J.R.</td></tr><tr><td>DRAWN BY:</td><td>franco</td></tr></table>	PARTNER IN CHARGE:	JOSE RODRIGUEZ BARCELO A.J.A.	DESIGN CAPTAIN:	JOSE MIRABAL	JOB CAPTAIN:	L. VIDAL	CHECKED BY:	R.J.R.	DRAWN BY:	franco			
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<p>P.A. SYSTEM</p>	<table border="1"><tr><td colspan="2">DRAWING TITLE</td></tr><tr><td colspan="2" style="text-align: center;">38 KV. SUBSTATION</td></tr><tr><td>SCALE: <b>NONE</b></td><td>DRAWING No.  <b>ES-3</b></td></tr><tr><td>PROJECT No. <b>45-122</b></td><td></td></tr><tr><td>FILE NAME: <b>97197ES3</b></td><td></td></tr><tr><td>DATE OF ISSUE</td><td>SHEET No.</td><td>PLOT DATE:</td></tr></table>	DRAWING TITLE		38 KV. SUBSTATION		SCALE: <b>NONE</b>	DRAWING No.  <b>ES-3</b>	PROJECT No. <b>45-122</b>		FILE NAME: <b>97197ES3</b>		DATE OF ISSUE	SHEET No.	PLOT DATE:
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ENDORSEMENT OF CERTIFICATION PUERTO RICO ELECTRIC POWER AUTHORITY	REV.	DATE	APPROVED
EXAMINED: _____	1		
RECOMMENDED _____	2		
APPROVED <i>[Signature]</i>	3		
DATE: <u>14 Oct 97</u> APPLICATION _____	4		
DESIGN KVA: <u>3000</u>	5		
PRELIMINARY DESIGN NO. <u>89-C-220</u>	6		

OBSERVATIONS	APPROVAL
<p>1. Relocation of existing lines and any work in connection with energized lines will be done by P.R.E.P.A. with the solicitor paying the costs as incurred. With previous notification by builder, the above mentioned work should be completed before commencing the work of constructing the project.</p> <p>2. The approval of these plans by the Authority does not relieve the builder of complying with each and all of the requisites established by the National Electrical Code and the regulations of the Puerto Rico Electric Power Authority.</p> <p>3. The approval of these plans is on condition that the Authority be consulted on the condition of electrical service at the time of beginning construction.</p>	<p>Se aprueba este plano mediante certificación del Ingeniero Electricista de que el mismo cumple con las disposiciones del Código Eléctrico Nacional y los reglamentos vigentes de la Autoridad de Energía Eléctrica.</p> <p style="text-align: center;"><i>[Signature]</i></p> <p><b>LEONARDO J. VIDAL</b> Ing. Electricista Lic. No. _____ Fecha: _____</p>

MIN-FUSIBLE TYPE-13.8KV, 600 AMPS, 3 POLE MOTOR  
ROUNDED HANDLE, 95KV BIL  
FUSIBLE TYPE-13.8KV, 600 AMPS, 3 POLE, MOTOR OPERATED,  
HANDLE. PROVIDED WITH THREE TYPE SM-55 FUSE HOLDERS  
OF AMP. STD. SPEED POWER FUSES. PROVIDE 65E AMPS  
ES. 95KV BIL  
E ADDITION OF TWO ADDITIONAL CUBICLES WITH A  
SWITCH/POWER FUSES AS INDICATED ABOVE.  
CONSTRUCTION.

RKLP-PVC JACKET SHIELDED TYPE & 1/0 #2-AWG  
NEUTRAL IN A 4" PVC SCH. 40 CONDUIT. ALSO  
40 SPARE EMPTY CONDUIT CAPPED AT BOTH ENDS.

VARE.  
CHANNEL.

METERING EQUIPMENT.

TYPE-HIGH PRESSURE SODIUM  
HPF BALLAST, HOLOPHANE,  
WITH A 120 V. PHOTOCCELL AT

120V. STEPDOWN TRANSFORMER WITH  
FUSES TO FEED THE TWO POLE MTD.

### 38 KV SUBSTATION

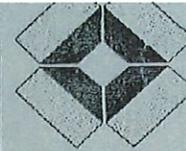
GROUND RODS AT THE BOTTOM OF THE  
POLE SHALL BE CONNECTED TO THE GROUND

POLE SHALL BE FREE OF SHARP

LOCATION OF THE TRANSFORMER GROUND  
SHALL BE CONNECTED TO THE GROUND MAT.

ON OR BEFORE MARCH 8, 1989, THE CONTRACTOR  
SHALL BE REQUIRED TO RUN TRANSFORMER TESTS BEFORE

TYPE BREAKER WITH P.R.E.P.A. SYSTEM



LEONARDO J. VIDAL  
consulting engineer

Lic. no. 5092  
C.P.O. Box 3164, San Juan, P.R. 00938

#### REVISIONS

No.	DESCRIPTION	DATE
1	JJ	1-26-88

PARTNER IN CHARGE: JOSE RODRIGUEZ BARCELO A.J.A.

DESIGN CAPTAIN: JOSE MIRABAL

JOB CAPTAIN: L. VIDAL

CHECKED BY: R.J.R.

DRAWN BY: franco

#### DRAWING TITLE

38 KV.  
SUBSTATION

SCALE: NONE

PROJECT No.  
45-122

FILE NAME:  
97197ES3

DRAWING No.

ES-3

DATE OF ISSUE

SHEET No.

PLOT DATE:

1 38KV SUBSTATION LEGEND

- 1 NO. 1/0 CU AERIAL BARE CABLE.
- 2 NO. 1/0 CU AERIAL BARE CABLE, GROUND.
- 3 STRAIN CLAMPS.
- 4 STRAIN INSULATORS, 10" CLEVIS TYPE.
- 5 NOT USED.
- 6 NOT USED.
- 7 1-1/4" DIA. IPS COPPER TUBING.
- 8 APPARATUS INSULATORS, 40 KV.
- 9 LIGHTNING ARRESTERS, 36 KV STATION TYPE.
- 10 FUSE UNITS, 40 KV, POWER TYPE FUSE, 85 E AMPS, STD. SPEED.
- 11 POWER DISTRIBUTION TRANSFORMER, 3 PHASE, 3000 KVA AT 55 C. CU WINDINGS, 60 HERTZ, NON-PCB, 38000 VOLTS DELTA CONNECTED PRIMARY AND 13.2KV DELTA CONNECTED SECONDARY, 4-2 1/2 % TAPS, 2 ABOVE AND 2 BELOW RATED VOLTAGE, 250 KV BIL, SEE NOTE "A" BELOW.
- 12 NOT USED.
- 13 NOT USED.
- 14 SELF-SUPPORTED CONCRETE POLE 50' 0" H-6.
- 15 CROSS ARM STEEL "C" CHANNEL (STAINLESS STEEL).
- 16 GROUND INSULATOR, 10" CLEVIS TYPE.
- 17 LIGHTNING ARRESTER POINT ON TOP OF CONCRETE POLE.
- 18 GROUND CABLE #1/0 HARD DRAWN BARE COPPER.
- 19 GROUND CABLE #4/0 HARD DRAWN BARE COPPER.
- 20 GROUND ROD, COPPERWELD-3/4" DIAMETER X 10'-0" LONG, WITH SUITABLE CONNECTION FOR GROUND CABLES ACCORDING TO SIZE.
- 21 SOLDERLESS CONNECTION FOR GROUND CABLES USE APPROPRIATE TEE SIZE ACCORDING TO THE SIZE OF THE CABLE.
- 22 GROUND CLAMP #4/0 COPPER CABLE TO FLAT SURFACE.
- 23 TERMINAL GROUND CABLE TO ELECTRICAL EQUIPMENT OR SUBSTATION FENCE, #1/0 OR #4/0 COPPER.
- 24 BONDING JUMPER FOR SUBSTATION GATE.
- 25 12'-0" LONG FIBERGLASS HOOKSTICK, 1-1/2" DIAMETER.
- 26 PVC SCH. 40 HOOKSTICK CONTAINER, 4" DIAMETER.
- 27 BAKED ENAMEL SIGN - "DANGER-HIGH VOLTAGE" "PELIGRO ALTO VOLTAJE", ANCHORED WITH BOLTS TO FENCE AT 6'-0" TOP FROM GROUND LEVEL.
- 28 DOUBLE SWINGING CHAIN LINK FENCE, 6'-0" WIDE BLADE, TOTAL OPENING TO BE 12'-0".
- 29 TRANSFORMER CONCRETE BASE.
- 30 DISTRIBUTION SWITCHGEAR CONCRETE BASE.
- 31 OUTDOOR TYPE CURRENT TRANSFORMERS.
- 32 POTENTIAL TRANSFORMER, OUTDOOR TYPE.
- 33 CHAIN LINK FENCE, 10'-0" HIGH, WITH 3 STRANDS OF BARBED WIRE ON TOP.
- 34 CABINET FOR PREPA METER (STAINLESS STEEL).
- 35 2-1" PVC SCH. 40 CONDUITS, ONE FOR CURRENT TRANSFORMERS AND ONE FOR POTENTIAL TRANSFORMERS.
- 36 6" SUBSTATION GRAVEL FLOOR, INSIDE SUBSTATION & 3' ALL AROUND SUBSTATION.
- 37 GRASS SEED, ONE PINT SUITABLE FOR OUTDOOR INSTALLATION.

MUNICIPALITY OF SAN JUAN, P.R.  
METROPOLITAN JUVENILE DETENTION CENTER  
NEW 38 KV. SUBSTATION  
RAYAMON, P.R.

- 117 LIGHTING FIXTURE
- 118 GROUND CABLE #1/0 HARD DRAWN BARE COPPER.
- 119 GROUND CABLE #1/0 HARD DRAWN BARE COPPER.
- 120 GROUND ROD COPPERWELD-3/4" DIAMETER X 10'-0" LONG, WITH SUITABLE CONNECTION FOR GROUND CABLES ACCORDING TO SIZE.
- 121 SOLDERLESS CONNECTION FOR GROUND CABLES, USE APPROPRIATE ICE SIZE ACCORDING TO THE SIZE OF THE CABLE.
- 122 GROUND CLAMP #1/0 COPPER CABLE TO FLAT SURFACE.
- 123 TERMINAL GROUND CABLE TO ELECTRICAL EQUIPMENT OR SUBSTATION FENCE #1/0 OR #4/0 COPPER.
- 124 BONDING JUMPER FOR SUBSTATION GATE.
- 125 12'-0" LONG FIBERGLASS HOOKSTICK, 1-1/2" DIAMETER.
- 126 PVC SCH. 40 HOOKSTICK CONTAINER, 4" DIAMETER.
- 127 BAKED ENAMEL SIGN - "DANGER-HIGH VOLTAGE" "PELIGRO ALTO VOLTAJE", ANCHORED WITH BOLTS TO FENCE AT 6'-0" TOP FROM GROUND LEVEL.
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- 129 TRANSFORMER CONCRETE BASE.
- 130 DISTRIBUTION SWITCHGEAR CONCRETE BASE.
- 131 OUTDOOR TYPE CURRENT TRANSFORMERS.
- 132 POTENTIAL TRANSFORMER, OUTDOOR TYPE.
- 133 CHAIN LINK FENCE, 10'-0" HIGH, WITH 3 STRANDS OF BARBED WIRE ON TOP.
- 134 CABINET FOR PREPA METER (STAINLESS STEEL).
- 135 2-1" PVC SCH. 40 CONDUITS, ONE FOR CURRENT TRANSFORMERS AND ONE FOR POTENTIAL TRANSFORMERS.
- 136 6" SUBSTATION GRAVEL FLOOR, INSIDE SUBSTATION & 3' ALL AROUND SUBSTATION.
- 137 ARMOR CLAD BUS DUCT SUITABLE FOR OUTDOOR INSTALLATION, 3 PHASE, 15KV-COPPER BUS BARS, 600 AMPS, CONTINUOUS, 65KV BIL, 40000 AMPS RMS, MOMENTARY, SIMILAR TO SQUARE D POWER ZONE BUS.
- 138 15.2 KV SWITCHGEAR - OUTDOOR TYPE  
 3 PHASE, OUTDOOR TYPE, DEAD FRONT, SELF-STANDING, METAL ENCLOSED, 600 AMPS, MAIN COPPER BUS AND 600 AMPS GROUND BUS, RATINGS AS FOLLOWS:  
 KV NOMINAL = 15.2 KV.  
 KV MAXIMUM DESIGN = 17.0 KV.  
 SHORT CIRCUIT RATINGS:  
 1- 25000 RMS, SYMMETRICAL AMPS.  
 2- 61000 RMS, SYMMETRICAL AMPS, DUTY CYCLE FAULT CLOSING.  
 3- 600 MVA-3 PHASE SYMMETRICAL AT NOMINAL VOLTAGE.  
 1- DISCONNECT SWITCH NON-FUSEBLE TYPE-15.2KV, 600 AMPS, 3 POLE MOTOR OPERATED, EXTERIOR GROUNDED HANDLE, 65KV BIL.  
 4- DISCONNECT SWITCH FUSIBLE TYPE-15.2KV, 600 AMPS, 3 POLE MOTOR OPERATED, EXTERIOR GROUNDED HANDLE, PROVIDED WITH THREE TYPE SM-55 FUSE HOLDERS FOR A MAXIMUM OF 200E AMP, STD. SPEED POWER FUSES, PROVIDE 65E AMPS, STD. SPEED POWER FUSES, 65KV BIL.  
 PROVISION FOR THE FUTURE ADDITION OF TWO ADDITIONAL CUBICLES WITH A COMBINATION DISCONNECT SWITCH/POWER FUSES AS INDICATED ABOVE.  
 STAINLESS STEEL OUTDOOR CONSTRUCTION.
- 139 3-1/2" #2-AWG-CU-15KV-TRXL-PVC JACKET SHIELDED TYPE & 1/0 #2-AWG CU-600V-RHW-XLP-90C NEUTRAL IN A 4" PVC SCH. 40 CONDUIT, ALSO INCLUDED IS A 4" PVC SCH. 40 SPARE EMPTY CONDUIT CAPPED AT BOTH ENDS.
- 140 EYE BOLT.
- 141 EYE BOLT SUPPORTING HARDWARE.
- 142 REINFORCED STEEL SUPPORT CHANNEL.
- 143 COPPERWELD CONNECTION.
- 144 SWITCHGEAR DOOR.
- 145 1" PVC SCH. 40 CONDUIT FOR METERING EQUIPMENT.
- 146 POLE MOUNTED, SUBSTATION TYPE-HIGH PRESSURE SODIUM LUMINAIRES, 250 WATTS 120 V HPI BALLAST, HOLOPHANE, 04255-A-HPS-120 PROVIDED WITH A 120 V PHOTOCELL AT 12'-0" A.F.F.

NOTE "A"

PROVIDE A 1KVA, 38 KV TO 120V, STEPDOWN TRANSFORMER WITH CORRESPONDING SECONDARY FUSES TO FEED THE TWO POLE MTD, SUBSTATION LUMINAIRES.

METROPOLITAN JUVENILE DETENTION CENTER  
 NEW 38 KV. SUBSTATION  
 BAYAMON, P.R.

LEONARD O  
 consulting

Lic No 5091  
 G.P.O. Box 3164, S

REVISIONS

No.	DESCRIPTION

PARTNER R. GARCIA JUNE

FOR A MAXIMUM OF 200E AMP. STD. SPEED POWER FUSES. PROVIDE ONE CUBICLE FOR A MAXIMUM OF 200E AMP. STD. SPEED POWER FUSES. 95KV BIL. PROVISION FOR THE FUTURE ADDITION OF TWO ADDITIONAL CUBICLES WITH A COMBINATION DISCONNECT SWITCH/POWER FUSES AS INDICATED ABOVE. STAINLESS STEEL OUTDOOR CONSTRUCTION.

- 3-1/2 #2-AWG-CU-15KV-TRXLP-PVG JACKET SHIELDED TYPE & 1/2 #2-AWG CU-600V-RHW-XLP-90°C NEUTRAL IN A 4" PVC SCH. 40 CONDUIT. ALSO INCLUDED IS A 4" PVC SCH. 40 SPARE EMPTY CONDUIT CAPPED AT BOTH ENDS.
- 40 EYE BOLT.
- 41 EYE BOLT SUPPORTING HARDWARE.
- 42 REINFORCED STEEL SUPPORT CHANNEL.
- 43 COPPERWELD CONNECTION.
- 44 SWITCHGEAR DOOR.
- 45 1" PVC SCH. 40 CONDUIT FOR METERING EQUIPMENT.
- 46 POLE MOUNTED, SUBSTATION TYPE-HIGH PRESSURE SODIUM LUMINARIES, 250 WATTS 120 V HPF BALLAST, HOLOPHANE 04255-A-HPS-120 PROVIDED WITH A 120 V. PHOTOCELL AT 12'-0" A.F.F.

NOTE "A"

PROVIDE A 1KVA. 38 KV TO 120V. STEPDOWN TRANSFORMER WITH CORRESPONDING SECONDARY FUSES TO FEED THE TWO POLE MTD. SUBSTATION LUMINARIES.

2 NOTES FOR THE 38KV SUBSTATION

- 1- ARRESTERS SHALL BE CONNECTED TO GROUND RODS AT THE BOTTOM OF THE STRUCTURE. THE GROUND RODS SHALL BE CONNECTED TO THE GROUND MAT.
- 2- ARRESTERS CONNECTION TO GROUND ROD SHALL BE FREE OF SHARP BENDS AND SHALL AVOID 90° BENDS.
- 3- INSTALL A GROUND ROD FOR THE CONNECTION OF THE TRANSFORMER GROUND TERMINAL. THE GROUND ROD SHALL BE CONNECTED TO THE GROUND MAT.
- 4- AS PER P.R.E.P.A. CIRCULAR #89-2 DATED MARCH 8,1989, THE CONTRACTOR SHALL SUBMIT TO P.R.E.P.A. THE FOLLOWING TRANSFORMER TESTS BEFORE ENERGIZING THE SUBSTATION.

- 1- A.C. INSULATION (POWER FACTOR)
- 2- D.C. INSULATION (MEGGER)
- 3- TURN RATIO.
- 4- BUSHING INSULATION.
- 5- EXCITING CURRENT.
- 6- OIL POWER FACTOR.
- 7- OIL BREAK DOWN.
- 8- OIL ACIDITY.
- 9- RESISTANCE TO GROUND.
- 10- AIR INTERRUPTER TO GROUND.
- 11- COORDINATE POWER FUSES OR OIL CIRCUIT BREAKER WITH P.R.E.P.A. SYSTEM PROTECTION DIVISION.

LEONAR  
consulting

Lic. No. 6092  
C.P.O. Box 315

REVISIONS

No.	DESCRIPTION

PARTNER IN CHARGE: JO  
DESIGN CAPTAIN: JO  
JOB CAPTAIN: L  
CHECKED BY: R  
DRAWN BY: T

DRAWING

38 K  
SUBS

SCALE: NONE  
PROJECT No. 45-122  
FILE NAME: 97197ES  
DATE OF ISSUE

- CU-BW  
INCLUDED IS A 4" PVC SCH. 40 SPARE
- 40 EYE BOLT.
  - 41 EYE BOLT SUPPORTING HARDWARE.
  - 42 REINFORCED STEEL SUPPORT CHANNEL.
  - 43 COPPERWELD CONNECTION.
  - 44 SWITCHGEAR DOOR.
  - 45 1" PVC SCH. 40 CONDUIT FOR METERING EQUIPMENT.
  - 46 POLE MOUNTED, SUBSTATION TYPE-HIGH PRESSURE SODIUM LUMINARIES, 250 WATTS 120 V HPF BALLAST, HOLOPHANE. 04255-A-HPS-120 PROVIDED WITH A 120 V. PHOTOCELL AT 12'-0" A.F.F.

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PROVIDE A 1KVA. 38 KV TO 120V. STEPDOWN TRANSFORMER WITH CORRESPONDING SECONDARY FUSES TO FEED THE TWO POLE MTD. SUBSTATION LUMINARIES.

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1- A.C. INSULATION (POWER FACTOR)

2- D.C. INSULATION (MEGGER)

3- TURN RATIO.

4- BUSHING INSULATION.

WITH PREPARED TERMINATIONS... BETWEEN CONDUIT... REQUIRED BY SPECIFICATIONS... FOR MINIMUM BENDING RADIUS REQUIRED BY STRESS CONES.

CONTRACTOR SHALL NOTIFY THE PREPA AREA OFFICE ON BUSINESS DAYS OF ALL WORK ON THE PROJECT.

ALL WORK SHALL NOT BE LOCATED MORE THAN FIFTY (50) FEET FROM THE FRONT OF THE SUBSTATION.

CONTRACTOR DEMANDING MORE THAN 50 KVA SHALL BE BILLED ACCORDING TO THE CONSUMPTION AND DEMAND METERED IN THE SECONDARY BY THE CONTRACTOR. CONTRACTOR SHALL COORDINATE WITH THE LOCAL PREPA OFFICE IN THE CASE WHERE PRIMARY METERING EQUIPMENT IS INDICATED BUT IT IS NOT AVAILABLE. THE METERING EQUIPMENT INSTALLED IN THE SECONDARY SIDE OF THE TRANSFORMERS AND THE METERING ABOVE SHALL APPLY.

CONTRACTOR SHALL BE MADE A FULL TWO MONTHS BEFORE COMMENCEMENT OF CONSTRUCTION OF THE PROJECT.

CONTRACTOR SHALL MAINTAIN ALL THE RIGHT-OF-WAYS OUTSIDE THE PROJECT ARE TURNED OVER TO PREPA FOR CERTIFICATION.

CONTRACTOR SHALL COORDINATE WITH THE PREPA FIELD OFFICE BEFORE THE BASE FOR THE SELF-SUPPORTING CONCRETE POLES.

CONSTRUCTION PROJECTS MUST BE INSPECTED BY AN ENGINEER OR ARCHITECT DURING ITS CONSTRUCTION AND CERTIFIED BY SAID INSPECTOR AS ALL APPLICABLE CODES & STANDARDS.

CONTRACTOR MUST COMPLY WITH THE P.R.E.P.A. STANDARDS FOR IMPROVED EFFICIENCY AS INDICATED IN THE TABLE FOR SINGLE PHASE AND WINDING LOSSES OF 11/15/95.

CONTRACTOR SHALL BE AS FOLLOWS:

VOLTS	AMPS	BL	CLEARANCE
15 KV	200A	125KV	11'
27 KV	100A	125KV	11'
27 KV	100A	150KV	17'

U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OFFICE OF THE ASSISTANT DIRECTOR FOR PLANNING AND DESIGN  
3104 San Juan, P.R. 00938

REVISIONS

No.	DESCRIPTION	DATE

PARTNER IN CHARGE: J.R.B.  
DESIGN CAPTAIN: J.R.B.  
JOB CAPTAIN: LEO  
CHECKED BY: LEO  
DRAWN BY: JORNE

REVISION	REV.	DATE	APPROVED
	1		
	2		
	3		
	4		
	5		
	6		
	7		

DRAWING TITLE

ELECTRICAL SITE PLAN

Se aprueba este plano mediante la conformidad del Director Distrital de que el mismo cumple con las disposiciones del Código de Ordenamiento y los reglamentos vigentes de la Autoridad de Energía Eléctrica.

LEONARDO J. VIDAL  
Ing. Electricista Lic. No. \_\_\_\_\_  
Fecha: \_\_\_\_\_

SCALE: 1:500  
DRAWING No. ES-1  
PROJECT No.  
FILE NAME  
DATE OF ISSUE: MAY/97  
SHEET No.  
PLOT DATE

