



LEGAL NOTICE

AND

INVITATION TO BID B #010-22

The Brownsville Public Utilities Board will accept sealed bids for the Supply of Electrical Underground Cable & Equipment, **until 5:00 PM, January 5, 2022**, in the Brownsville PUB Purchasing Office, 1155 FM 511, Olmito, Texas. **Bids received after this time will not be considered.**

Bids will be publicly opened and read aloud on January 6, 2022 at 11:00 AM. Bidders can request a copy of the bid tabulation by emailing hlopez@brownsville-pub.com or srodriguez@brownsville-pub.com. Vendors can call in at 11:00 AM January 6, 2022 to (956) 214-6020 to listen to the bid opening.

Detailed specifications may be obtained at Brownsville Public Utilities Board website at https://www.brownsville-pub.com/rfp_status/open/.

Please mark on the **outside of the envelope and on any carrier's envelope**: "B010-22 SEALED BID FOR THE SUPPLY OF ELECTRICAL UNDERGROUND CABLE & EQUIPMENT, **JANUARY 5, 2022, 5:00 PM**", and send to the attention of Diane Solitaire, Purchasing Department, 1155 FM 511, Olmito, Texas 78575.

The Brownsville Public Utilities Board will not be responsible in the event that the U.S. Postal Service or any other courier system fails to deliver the sealed bids to the Brownsville Public Utilities Board, Purchasing Office by the given deadline above. **No bid will be accepted via electronic transmission or facsimile.**

The Brownsville PUB reserves the right to reject any or all bids and to waive irregularities contained therein and to accept any bid deemed most advantageous to the Brownsville PUB.

BY: *Diane Solitaire*
Purchasing
Brownsville Public Utilities Board
(956) 983-6366 - Phone

Please submit this page upon receipt.

ACKNOWLEDGEMENT FORM

B#010-22 Supply of Electrical Underground Cable & Equipment

For any clarifications, please contact Hugo E. Lopez at the Brownsville Public Utilities Board, Purchasing Department at (956) 983-6375 or (956) 983-6364 or via e-mail: hlopez@brownsville-pub.com

Please e-mail this page upon receipt of legal notice. If you only received the legal notice and you want the bid package mailed, please provide a method of shipment with account number in the space designated below.

Check one:

Yes, I will be able to send a bid; obtained bid package from website.

Yes, I will be able to send a bid; please email the bid package.

Email: _____

Yes, I will be able to send a bid; please mail the bid package using the carrier & account number listed below:

Carrier: _____

Account: _____

No, I will not be able to send a bid for the following reason:

If you are unable to send your bid, kindly indicate your reason for “No bid” above and return this form **via e-mail: hlopez@brownsville-pub.com**. This will ensure you remain active on our vendor list.

Date _____

Company: _____

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

IF SPECIFICATIONS ARE DOWNLOADED FROM WEBSITE PLEASE FAX THIS PAGE TO NUMBER LISTED ABOVE

Special Instructions

Contract Information

- **Interpretation**

Questions concerning terms, conditions, and technical specifications should be directed to:

Hugo E. Lopez, Purchasing Buyer or
(956) 983-6375

Diane Solitaire, Materials/Warehouse
Manager
(956) 983-6366

- **Tentative Time Line**

1. December 13, 2021 to January 5, 2022 - Vendors work on bid.
2. January 5, 2022 at 5:00 PM CST - **Vendor must submit one (1) set of bid documents sealed in an envelope to:**

Diane Solitaire, Purchasing
1155 FM511,
Olmito, TX 78575

Bid #010-22 – Supply of Electrical Underground Cable & Equipment
Due: **January 5, 2022 at 5:00 PM**

*The above noted information must be included on bid envelope and on any carrier's envelope/package. The Brownsville Public Utilities Board **will not be held responsible for missing, lost or late mail.** Brownsville Public Utilities Board will not accept facsimile or electronic transmission of sealed bids.*

1. December 30, 2021- Last day to submit questions
2. January 6, 2022 - Open bids at 11:00 AM
3. January 7- 21, 2022 - Evaluate bids
4. January 24, 2022 – Provide Final Recommendations
5. February 14, 2022 - Send to Utilities Board for approval
6. Term of contract will commence February 2022

- **Or Equal**

Brand name or manufacturer's reference used in this request is descriptive – not restrictive – it is intended to indicate type and quality desired. Brands of like nature and quality will be considered. If bidding on other than referenced specifications please provide complete descriptive information of said article.

- **Pricing**

Bid unit price on quantity specified, extend and show total. In case of errors in extension, unit prices shall govern. **Price shall remain firm until an award is made and for a period of one year after original date of Purchase Order, unless otherwise stipulated.**

All fields (UNIT PRICE, DELIVERY AND MANUFACTURER) in the Cost Sheets must be completed. The data must be complete to identify the bidding brand.

Failure to submit any of the above information with the sealed bid will disqualify bid.

- **Vendor Representative**

The successful vendor agrees to send a personal representative with binding authority for the company to the Brownsville Public Utilities Board upon request to make adjustments and/or assist with coordination of all transactions as needed.

- **Quality of Products**

All items must be new, in first class condition, including containers suitable for shipment and storage. No substitutions in standard grades or lesser quality will be accepted.

- **Determining Factors for Award**

1. Bidders net price on bid items
2. Stock availability
3. Reputation of brand names offered
4. Reputation and location of the bidder
5. Time and conditions of delivery
6. BPUB financial and legal responsibility evaluations of any identified teaming arrangements involving significant joint ventures, subcontractors and suppliers
7. Safety record will be considered when determining the responsibility of the bidder

- **Contract with Vendor/Entity Indebted to BPUB**

It is a policy of the BPUB to refuse to enter into a contract or other transaction with an individual, sole proprietorship, joint venture, Limited Liability Company or other entity indebted to BPUB.

- **Vendor ACH (Direct Deposit) Services**

The BPUB has implemented a payment service for vendors by depositing the payment directly to the vendor's bank account. Successful vendor(s) will be required to receive payments directly through Automated Clearing House (ACH) in lieu of a paper check. **The awarded vendor must agree to receive payments via ACH (Direct Deposit).**

- **Tax Identification Number (TIN)**

In accordance with IRS Publication 1220, a W9 form, or a W8 form in cases of a foreign vendor, will be required of all vendors doing business with the Brownsville PUB. If a W9 or W8 form is not made available to Brownsville PUB, the first payment will be subject to income tax withholding at a rate depending on the U.S. status and the source of income as per IRS Publication 1220. **The W9 or W8 form must be included with bid response.** Attached are sample forms.

- **Taxes**

The Brownsville Public Utilities Board is exempt from Federal Excise Tax, State Tax and local Taxes. Do not include tax in the bid. If it is determined that tax was included in the bid it will not be included in the tabulation or any awards. Tax exemption certificates will be furnished upon request.

- **Signing of Bid**

Failure to manually sign bid will disqualify it. Person signing bid should show title or authority to bind their firm to a contract.

- **EEOC Guidelines**

During the performance of this contract, the contractor agrees not to discriminate against any employee or applicant for employment because of race, national origin, age, religion, gender, marital or veteran status, or physically challenging condition.

- **As Needed Basis**

Quantity is for inventory and shall be delivered to Brownsville PUB Warehouse on a **flat-bed trailer**, and be billed as such.

- **Contract and Purchase Order**

The Supply of Electrical Underground Cable and Equipment will be delivered FOB Brownsville Public Utilities Board, 1155 FM 511 Olmito, Texas 78575. Reels of cable shipped in an **enclosed trailer will be rejected upon delivery.** A contract for cable and equipment will be placed into effect by means of a purchase order issued by the Brownsville Public Utilities Board after tabulation and final approval by the Brownsville PUB Board.

- **Brownsville Public Utilities Board Rights**

1. If only one or no bid is received by "submission date", the BPUB has the right to reject, re-bid, accept and/or extend the bid by up to an additional two (2) weeks from original submission date.
2. The right to reject any/or all bids and to make award as they may appear to be advantageous to the Brownsville Public Utilities Board.

3. The right to hold bid for 90 days from submission date without action, and to waive all formalities in bid.
4. The right to extend the total bid beyond the original 90-day period prior to an award, if agreed upon in writing by all parties (BPUB and vendor/contractor) and if bidder/vendor holds original bid prices firm.
5. The right to terminate for cause or convenience all or any part of the unfinished portion of the Project resulting from this solicitation within Thirty (30) calendar days written notice; for cause: upon default by the vendor/contractor, for delay or non-performance by the vendor/contractor; or if it is deemed in the best interest of the BPUB for BPUB's convenience.
6. The right to increase or decrease quantities. In bid, stipulate whether an increase or decrease in quantities will affect bid price
7. The Brownsville PUB has the right to refuse to enter into a contract or other transaction with any individual or entity indebted to the municipality as per Local Government Code 252.0436.

- **Corrections**

Any interpretation, correction, or change to the invitation to bid will be made by ADDENDUM. Changes or corrections will be issued by the Brownsville PUB Purchasing Department. **Addenda will emailed to all who have returned the Bid Acknowledgment form.** Addenda will be issued as expeditiously as possible. It is the responsibility of the vendors to determine whether all addenda have been received. It will be the responsibility of all respondents to contact the Brownsville PUB prior to submitting a response to the invitation to bid to ascertain if any addenda have been issued, and to obtain any all addenda, execute them, and return addenda with the response to the invitation to bid. Addenda may be posted on the Brownsville PUB's website.

Brownsville Public Utilities Board Approved Manufacturer's List
for Electrical Cable

ACA
American Wire Group
Anixter
Champion Wire Cable
CCI
Cerro Wire
CME
Encore Wire
General Cable
ICC
Nehring
Omni Cable
Okonite Company (Okoguard)
Pirelli Power Cables
Priority Wire Cable
Prysmian
Republic Wire
Service Wire Co.
SIM Technology
Southwire
Synergy Cable
Tipper Tie

Brownsville PUB reserves the right to accept only these brand name cables, which are in full compliance with the specifications & deemed most advantageous to its interests. Failure to comply with any of the cable requirements is sufficient cause for rejection of proposed cables

- Brownsville Public Utilities Board Approved Manufacturer's Product List, however items will be awarded as they may appear to be advantageous to the Brownsville PUB.

Cost Sheet

Note: Please provide unit price for all items with **304 stainless steel enclosure (tank and lid) Padmounted Switchgear**. All specifications and dimensions will remain the same.

ITEM	BPUB COMMODITY NO. AND DESCRIPTION	QTY (EACH)	UNIT PRICE	MFG # LEAD TIME
			304 STAINLESS STEEL ENCLOSURE	
1	E0969-01 SWITCHGEAR, 3PH Outdoor Padmount, 15 KV2SD-MOSTF-9-OIL-SS-6/200A-2D, 6-600 AMP Source Bushing and 6-200 AMP Tap Bushings, 2- 3PH Oil Switches, 3-ELSG Fuseholders; Std. Fault Indicator-Provisions, Two Sided, Top Hinged Doors, 304 STAINLESS STEEL CONSTRUCTION <u>(304 SSTL Enclosure - TANK & LID)</u> COOPER MOST 9 - OIL TYPE SIZE 42.5HX62.5WX68.5D COOPER MODEL # KP00320L10G62A OR EQUAL As per specifications on page 13.	10 EA		

Note: Switchgear shall be delivered FOB Brownsville Public Utilities Board, 1155 FM 511, Olmito, Texas 78575 **via open flat-bed trailer..** Material shipped in an enclosed trailer will be **rejected upon delivery.**

Cost Sheet

Note: Please provide unit price for all items with **304 stainless steel enclosure (tank and lid) Padmounted Switchgear**. All specifications and dimensions will remain the same.

ITEM	BPUB COMMODITY NO. AND DESCRIPTION	QTY (EACH)	UNIT PRICE	MFG # LEAD TIME
			304 STAINLESS STEEL ENCLOSURE	
2	E0972-01 15KV-2SD-MOST11 OIL-SS-600/200-2D SWITCHGEAR, 3 PHASE OUTDOOR PADMOUNT, 15 KV, (3 EA) 600-AMP SOURCE BUSHING AND (1 EA) 200 AMP TAP BUSHINGS, STAINLESS STEEL CONSTRUCTION (TANK & LID) COOPER MOST 11 - OIL TYPE SIZE 42.5HX62.5WX74.5D COPPER MODEL# KP00320L12G09A OR EQUAL As per specifications on page 14.	8 EA		

Note: Switchgear shall be delivered FOB Brownsville Public Utilities Board, 1155 FM 511, Olmito, Texas 78575 **via open flat-bed trailer**.. Material shipped in an enclosed trailer will be **rejected upon delivery**.

Cost Sheet

Item	Qty	Description	Unit Cost (per foot)	Total
3	60,000 Feet (One time purchase)	<p>E0914-00 Cable, URD 1/0 STR 15KV AL PDB, 19W, 220 MIL. Underground Primary Direct Burial Cable-Jacketed with Red Identification Stripes, EPR Insulation, 1/C #1/0 AWG (19X) AL, 220 MIL, Filled Strand Aluminum Conductor/105 Degree Celsius Rating, EPR 133% Insulation, 15 KV Primary URD with 16 #14AWG Copper Concentric Neutral. (2,500 ft/reel) with "Footage Marker"</p> <p>Specifications: *Central Conductor: Aluminum per ASTM B-609, Class B stranded per B-231. *Filled Stranded: Water swellable powder meets or exceeds ICEA T-31-610 water penetration resistance and ANSI/NEMA class A connector-ability requirements. *Conductor Screen: Extruded semiconducting ethylene-propylene rubber meets or exceeds the requirements of ICEA S-94-649 and AEIC CS8. *Insulation: Extruded meets or exceeds the requirements of ICEA S-94-649 and AEIC CS8. *Insulation Screen: Extruded semiconducting ethylene-propylene rubber meets or exceeds the requirements of ICEA S-94-649 and AEIC CS8. *Concentric Conductor: Bare copper wires. *Jacket: Black with red extruded stripes meets or exceeds the requirements of ICEA S-94-649 for polyethylene jackets.</p> <p>Specify Manufacturer: _____</p> <p>Lead Time (ARO): _____</p> <p>As per specifications on page 15.</p>		

Note: The cable shall be delivered FOB Brownsville Public Utilities Board, 1155 FM 511, Olmito, Texas 78575 **via open flat-bed trailer**. Reels shipped in an enclosed trailer will be **rejected upon delivery**.

Cost Sheet

Item	Qty	Description	Unit Cost (per foot)	Total
4	20,000 Feet (One time purchase)	E0915-00 CABLE URD 500 MCM 15KV ALUMINUM PRIMARY DIRECT BURIAL (PDB), AS PER BPUB SPECIFICATIONS 220 MIL, MV-90 15 KV/133% 500KCM-1C AL A/C 500 MCM, 37/W CPRS AL, 220 NOM EPR, 16-#12 OR 25-#14 AWG SDBC C/N, 70 MIN PT LLDPE ENCAP JKT, 15 KV, <u>WITH FOOTAGE MARKERS, 2,500 FT REELS</u> Specify Manufacturer: _____ Lead Time (ARO): _____ As per specifications on page 19.		
5	10,000	E0245-00 CABLE, #6 STR. 1-CONDUCTOR THHN/THWN INSU CU BLACK 1,000 FT/REELS; WITH FOOTAGE MARKERS		

Note: The cable shall be delivered FOB Brownsville Public Utilities Board, 1155 FM 511, Olmito, Texas 78575 **via open flat-bed trailer**. Reels shipped in an enclosed trailer will be **rejected upon delivery**.

Special Instructions:

Successful vendor must provide **the beginning and ending footage** for each reel with shipment.

- Manufacturer and Part Number Column must be completed.
- All Cable **must have Footage markers** from the beginning to the end
- **BPUB WILL NOT ACCEPT ONE FULL SHIPMENT, unless otherwise requested.**

NOTE: Please make pricing on specification sheet legible.

Cable shipped in an enclosed trailer will be rejected upon delivery.

The noted quantities are estimated by Electrical Engineering Department and needed for inventory and daily operations. Brownsville PUB has the right to increase or decrease quantities. In space below, stipulate whether the increase or decrease will affect bid price.

- (____) Yes, an increase or decrease in quantity affects bid price.
- (____) No, an increase or decrease in quantity will not affect bid price.

Price shall remain firm for 12 months after date of purchase order.

Company Name: _____

Authorized Company Representative: _____
Print Name

Authorized Company Representative: _____
Signature *Failure to manually sign bid will disqualify it*

Company Address: _____

Telephone #: _____

Fax #: _____

Email: _____

ORDERING INFORMATION

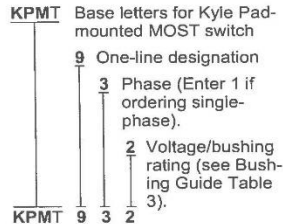
To order a Type MOST Pad-mounted Switch:

1. Refer to Tables 2 or 4. Select the one-line diagram that meets your requirements for switching capability and bushing configuration. Then select operating voltage (kV). This establishes the base catalog number as seen below.
2. From Table 5, select fusing requirements.
3. From Table 6, select optional accessories required.

Ordering example: The MOST-9, three-phase, 15 kV switch with optional ground rod would be ordered as follows:

Quantity:
1-KPMT932
1-KPA1037-X

Constructing a Catalog Number



KPMT932 is the base catalog number for a model 9 three-phase, 15 kV MOST Switch with 600-amp source bushings and 200-amp tap bushings.

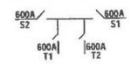
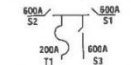
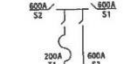
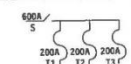
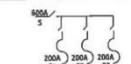
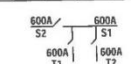
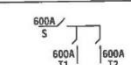
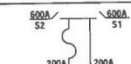
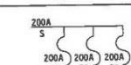
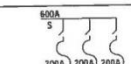
TABLE 2
MOST Selection and Ordering Guide*

Model	One-Line Diagram	Voltage (kV)	H/W/D** (in.)	Typical Catalog Number***
3		15	42/32/76	KPMT331
		25	44/40/87	KPMT334
		35	44/40/75	KPMT339
4		15	42/32/64	KPMT433
		25	44/40/75	KPMT436
		35	44/40/75	KPMT439
4A		15	42/62/64	KPMT4A33
		25	44/70/75	KPMT4A36
		35	44/70/75	KPMT4A39
5		15	42/32/64	KPMT533
		25	44/40/75	KPMT536
		35	44/40/75	KPMT539
6		15	42/62/70	KPMT632
		25	44/70/81	KPMT635
		35	44/70/75	KPMT639
6B		15	42/62/70	KPMT6B32
		25	44/70/81	KPMT6B35
		35	44/70/75	KPMT6B39
7		15	42/62/70	KPMT732
		25	44/70/81	KPMT735
		35	44/70/75	KPMT739
7B		15	42/62/70	KPMT7B32
		25	44/70/81	KPMT7B35
		35	44/70/75	KPMT7B39
8		15	42/62/70	KPMT832
		25	44/70/81	KPMT835
		35	44/70/75	KPMT839
8B		15	42/62/70	KPMT8B32
		25	44/70/81	KPMT8B35
		35	44/70/75	KPMT8B39
9		15	42/62/70	KPMT932
		25	44/70/81	KPMT935
		35	44/70/75	KPMT939
9A		15	42/62/64	KPMT9A33
		25	44/70/75	KPMT9A36
		35	44/70/75	KPMT9A39
9B		15	42/62/70	KPMT9B32
		25	44/70/81	KPMT9B35
		35	44/70/75	KPMT9B39

* Contact Cooper Power Systems Sales Representative for information on configurations not listed.
** Approximate overall dimensions for typical units. For footprint, reduce the "D" dimension by two inches.

*** Maximum continuous and switching current ratings are 600A for 15 kV, 300A for 25 kV, and 200A for 35 kV. For 35 kV units, catalog number and dimensions shown are for units with 200A source and tap bushings. 35 kV units will be supplied with three-phase rated 200A one-piece bushings as standard; however, 600A, 35 kV source bushings are available if required.

TABLE 2
MOST Selection and Ordering Guide* (continued)

Model	One-Line Diagram	Voitage (kV)	H/W/D** (In.)	Typical Catalog Number***
10		15	42/62/76	KPMT1031
		25	44/70/87	KPMT1034
		35	44/70/75	KPMT1039
11		15	42/62/76	KPMT1132
		25	44/70/87	KPMT1135
		35	44/70/75	KPMT1139
11B		15	42/62/76	KPMT11B32
		25	44/70/87	KPMT11B35
		35	44/70/75	KPMT11B39
12		15	44/62/91	KPMT1232
		25	44/70/104	KPMT1235
		35	44/70/98	KPMT1239
12B		15	44/62/91	KPMT12B32
		25	44/70/104	KPMT12B35
		35	44/70/98	KPMT12B39
13		15	42/62/76	KPMT1331
		25	44/70/87	KPMT1334
		35	44/70/75	KPMT1339
13A		15	42/62/76	KPMT13A31
		25	44/70/87	KPMT13A34
		35	44/70/75	KPMT13A39
14		15	42/62/70	KPMT1432
		25	44/70/81	KPMT1435
		35	44/70/75	KPMT1439
15		15	44/62/85	KPMT1533
		25	44/70/98	KPMT1536
		35	44/70/98	KPMT1539
15B		15	44/62/91	KPMT15B32
		25	44/70/104	KPMT15B35
		35	44/70/98	KPMT15B39

* Contact Cooper Power Systems Sales Representative for information on configurations not listed.
 ** Approximate overall dimensions for typical units. For footprint, reduce the "D" dimension by two inches.
 *** Maximum continuous and switching current ratings are 600A for 15 kV, 300A for 25 kV, and 200A for 35 kV. For 35 kV units, catalog number and dimensions shown are for units with 200A source and tap bushings. 35 kV units will be supplied with three-phase rated 200A one-piece bushings as standard; however, 600A, 35 kV source bushings are available if required.

TABLE 3
Bushing Guide

KV	Amperage Rating (Source/Tap)		
	600A/200A	600A/600A	200A/200A
15	2	1	3
25	5	4	6
35	8	7	9

(E0914-00) SPECIFICATIONS FOR 15-KV 1/0 ALUMINUM URD POWER CABLE

1.0 SCOPE & CLASSIFICATION

1.1 Scope

This specification covers ethylene propylene rubber (EPR) insulated, 15KV concentric neutral single conductor shielded URD power cable. Cable will be installed directly buried in earth, or underground in conduit, in wet or dry locations, in pole risers, and in open air in sunlight.

1.2 Classification

15KV, insulation thickness 220 mils at 133% insulation level. Conductor size: 1/0 Aluminum URD

2.0 APPLICABLE SPECIFICATIONS

2.1 Unless otherwise stated in these specifications, cable shall be manufactured, tested and made ready for shipment in accordance with the latest edition of the applicable ASTM, AEIC CS, ICEA S, UL and NEMA Standards.

3.0 REQUIREMENTS

3.1 The cable shall meet the requirements of ICEA S-94-649 and AEIC CS8 or latest edition except where it conflicts with the requirements of this specification, in which case this specification shall apply.

3.2 Conductor

The center conductor shall be EC-H19 Class B compressed strand aluminum per ASTM B230 and B231.

3.3 Conductor Shield

Conductor shield shall be an extruded semiconducting ethylene-propylene rubber (EPR) meeting or exceeding the requirements of ICEA S-94-649 and AEIC CS8. The extruded shield shall be easily removable from the conductor. Thickness of conductor shield shall be according to AEIC CS8.

3.4 Insulation

The insulation shall be ethylene propylene rubber (EPR) meeting the requirements of ICEA S-94-649. The average thickness shall not be less than 220 mils. The minimum thickness at any point shall not be less than 90% of the specified thickness. Insulation shall be suitable for conductor temperatures not to exceed 90°C for normal operation, 130°C for emergency overload conditions, and 250°C for short-circuit conditions. The EPR shall not contain any polyethylene in the compound formula.

3.5 **Insulation Shield**

The shield shall be a layer of thermoset semiconducting EPR compound that is compatible with the insulation and legibly identified as conducting. The thickness of the shielding shall be in accordance with ICEA S-94-649. Semi-conducting shield shall be free stripping from the insulation per AEIC CS8.

3.6 **Concentric Neutral**

The concentric neutral shall be bare annealed copper wires meeting the requirements of ASTM B-3 and spirally wound over the insulation shield. The cable shall be full copper neutral.

3.7 **Outer Jacket**

Jacket: Black with red extruded stripes meets or exceeds the requirements of ICEA S-94-649 for polyethylene jackets. The jacket shall be tightly fitting and shall be free stripping from the insulation shield. The minimum average thickness of the jacket shall not be less than 50 mils for cables with diameters up to 1.50" and 80 mils for cables with diameters over 1.50".

3.8 **Warranty**

The EPR insulation must have a proven field experience record over the twenty (20) years. The manufacturer shall provide a written 20 year WARRANTY.

4.0 QUALITY ASSURANCE

4.1 **Electrical Testing**

Each length of cable shall be tested in accordance with AEIC CS8 with the following exceptions:

4.1.1 Apparent Discharge Test shall be performed in accordance with AEIC CS8 except with maximum discharge of 5 picocoulombs to full test voltage of 200 volts/mil.

4.1.2 A.C. Voltage Withstand Test shall be performed in accordance with AEIC CS8 except partial discharge to be monitored during test. If partial discharge appears, cable is to be rejected.

4.1.3 D.C. Voltage Withstand Test shall be performed in accordance with AEIC CS8 except at 500 volts/mil.

4.2 **Test Reports**

Certified test reports including X-Y corona plot shall be provided for all cable provided under this specification. Said reports shall be from tests run on the same manufacturing run as the cable delivered to BPUB.

5.0 IDENTIFICATION

The following information shall be durably marked and repeated along the cable at regular intervals with unmarked surfaces not exceeding *six* inches.

- a. Manufacturer's name and/or trade name
- b. Conductor size, type and voltage
- c. Insulation type and thickness
- d. Rated voltage
- e. Year of manufacture
- f. Insulation shielding identified as semi-conducting
- g. Cable footage shall be marked every two (2) feet

6.0 PREPARATION FOR SHIPMENT

- 6.1 Cable shall be furnished uncut in one continuous length on substantially constructed non-returnable wooden reels. Maximum weight of a reel and cable shall not exceed 5000 lbs.; diameter 72 inches; and width 48 inches.
- 6.2 Water-tight seals shall be applied to all cable ends to prevent the entrance of moisture during transit, out-of-door storage or installation.

7.0 DELIVERY

7.1 Delivery of cable will only be accepted during normal working hours. The BPUB Warehouse Receiving Hours are Monday thru Friday, except holidays, from 8:00 AM to 4:00 PM. A delivery ticket/packing slip must be furnished with each

delivery by the carrier. The delivery ticket must show the BPUB's Purchase Order, number of reels, beginning & ending footage for each reel, etc. being delivered to the BPUB.

(E0915-00) SPECIFICATIONS FOR 15-KV 500 MCM ALUMINUM URD POWER CABLE

1.0 SCOPE & CLASSIFICATION

1.1 Scope

This specification covers ethylene propylene rubber (EPR) insulated, 15 kV concentric neutral single conductor shielded URD power cable. Cable will be installed directly buried in earth, or underground in conduit, in wet or dry locations, in pole risers, and in open air in sunlight.

1.2 Classification

15 kV, insulation thickness 220 mils at 133% insulation level. Conductor size: 500 MCM Aluminum URD.

2.0 APPLICABLE SPECIFICATIONS

2.1 Unless otherwise stated in these specifications, cable shall be manufactured, tested and made ready for shipment in accordance with the latest edition of the applicable ASTM, AEIC CS, ICEA S, UL and NEMA standards.

3.0 REQUIREMENTS

3.1 The cable shall meet the requirements of ICEA S-94-649 and AEIC CS8 latest edition except where it conflicts with the requirements of this specification, in which case this specification shall apply.

3.2 Conductor

The center conductor shall be EC-H19 Class B compressed strand aluminum per ASTM B230 and B231.

3.3 Conductor Shield

An extruded layer of black thermoset semi-conducting EPR conductor shielding meeting the requirements of ICEA S-94-649 and AEIC CS8 shall be provided. The extruded shield shall be easily removable from the conductor. Thickness of conductor shield shall be according to AEIC CS8.

3.4 Insulation

The insulation shall be ethylene propylene rubber (EPR) meeting the requirements of ICEA S-94-649. The average thickness shall not be less than 220 mils for 133% rated cable. The minimum thickness at any point

shall not be less than 90% of the specified thickness. Insulation shall be suitable for conductor temperatures not to exceed 90°C for normal operation, 130°C for emergency overload conditions, and 250°C for short-circuit conditions.

3.5 **Insulation Shield**

A layer of deformation resistant thermoset semi-conducting EPR meeting the requirements of ICEA S-94-649 shall be extruded over the insulation to serve as an electrostatic shield. The shield compound should be compatible with the insulation and legibly identified as conducting. The thickness of the shielding shall be in accordance with ICEA S-94-649. Semi-conducting shield shall be free stripping from the insulation per AEIC CS8.

3.6 **Concentric Neutral**

The concentric neutral shall be bare annealed copper wires meeting the requirements of ASTM B-3 and spirally wound over the insulation shield. The cable shall be one-third copper neutral.
500 CU – (26-#12 CU or equivalent)

3.7 **Outer Jacket**

Jacket: Black with red extruded stripes meets or exceeds the requirements of ICEA S-94-649 for polyethylene jackets. The jacket shall be tightly fitting and shall be free stripping from the insulation shield. The minimum average thickness of the jacket shall not be less than 50 mils for cables with diameters up to 1.50" and 80 mils for cables with diameters over 1.50".

3.8 **Warranty**

The EPR insulation must have a proven field experience record over the twenty (20) years. The manufacturer shall provide a written 20 year WARRANTY.

4.0 **QUALITY ASSURANCE**

4.1 **Electrical Testing**

Each length of cable shall be tested in accordance with AEIC CS8 with the following exceptions:

4.1.1 Apparent Discharge Test shall be performed in accordance with AEIC CS8 except with maximum discharge of 5 picocoulombs to full test voltage of 200 volts/mil.

4.1.2 A.C. Voltage Withstand Test shall be performed in accordance with AEIC CS8 except partial discharge to be monitored during test. If partial discharge appears, cable is to be rejected.

4.1.3 D.C. Voltage Withstand Test shall be performed in accordance with AEIC CS8 except at 500 volts/mil.

4.2 **Test Reports**

Certified test reports including X-Y corona plot shall be provided for all cable provided under this specification. Said reports shall be from tests run on the same manufacturing run as the cable delivered to BPUB.

5.0 **IDENTIFICATION**

The following information shall be durably marked and repeated along the cable at regular intervals with unmarked surfaces not exceeding six inches.

- a. Manufacturer's name and/or trade name
- b. Conductor size, type and voltage
- c. Insulation type and thickness
- d. Rated voltage
- e. Year of manufacture
- f. Insulation shielding identified as semi-conducting
- g. Cable footage shall be marked every two (2) feet

6.0 **PREPARATION FOR SHIPMENT**

6.1 Cable shall be furnished uncut in one continuous length on substantially constructed non-returnable wooden reels. Maximum weight of a reel and cable shall not exceed 5000 lbs., diameter 72 inches and width 48 inches.

6.2 Watertight seals shall be applied to all cable ends to prevent the entrance of moisture during transit, out-of-door storage or installation.

7.0 **DELIVERY**

7.1 Delivery of cable will only be accepted during normal working hours. The BPUB Warehouse Receiving Hours are Monday thru Friday, except holidays, from 8:00 AM to 4:00 PM. A delivery ticket/packing slip must be furnished with each delivery by the carrier. The delivery ticket must show the BPUB's Purchase Order, number of reels, beginning & ending footage for each reel, etc. being delivered to the BPUB

**REQUIRED FORMS
FORM CHECKLIST**

The following forms are to be submitted as a part of the Bid/RFP/RFQ document

NAME	FORM DESCRIPTION	SUBMITTED WITH BID	
		YES	NO
Legal Notice	Acknowledgement Form	<input type="checkbox"/>	<input type="checkbox"/>
	Debarment Certification	<input type="checkbox"/>	<input type="checkbox"/>
	Ethics Statement	<input type="checkbox"/>	<input type="checkbox"/>
	Conflict of Interest Questionnaire	<input type="checkbox"/>	<input type="checkbox"/>
	W9 or W8 Form	<input type="checkbox"/>	<input type="checkbox"/>
	Direct Deposit Form (will be provided to the awarded vendor)	<input type="checkbox"/>	<input type="checkbox"/>
	Residence Certification Form	<input type="checkbox"/>	<input type="checkbox"/>
Special Instructions	Bid Schedule/Cost sheet completed and signed	<input type="checkbox"/>	<input type="checkbox"/>
	Cashier Check or Bid Bond of 5% of Total Amount of Bid (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
	OSHA 300 Log (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
	Contractor Pre-Bid Disclosure completed, signed and notarized (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
	Sub-Contractor Pre-Bid Disclosure completed, signed, and notarized (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
References	Complete the Previous Customer Reference Worksheet for each reference provided	<input type="checkbox"/>	<input type="checkbox"/>
Addenda			

ETHICS STATEMENT

(THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH BID RESPONSE)

The undersigned bidder, by signing and executing this bid, certifies and represents to the Brownsville Public Utilities Board that bidder has not offered, conferred or agreed to confer any pecuniary benefit, as defined by (1.07 (a) (6) of the Texas Penal Code, or any other thing of value as consideration for the receipt of information or any special treatment of advantage relating to this bid; the bidder also certifies and represents that the bidder has not offered, conferred or agreed to confer any pecuniary benefit or other thing of value as consideration for the recipient's decision, opinion, recommendation, vote or other exercise of discretion concerning this bid, the bidder certifies and represents that bidder has neither coerced nor attempted to influence the exercise of discretion by any officer, trustee, agent or employee of the Brownsville Public Utilities Board concerning this bid on the basis of any consideration not authorized by law; the bidder also certifies and represents that bidder has not received any information not available to other bidders so as to give the undersigned a preferential advantage with respect to this bid; the bidder further certifies and represents that bidder has not violated any state, federal, or local law, regulation or ordinance relating to bribery, improper influence, collusion or the like and that bidder will not in the future offer, confer, or agree to confer any pecuniary benefit or other thing of value of any officer, trustee, agent or employee of the Brownsville Public Utilities Board in return for the person having exercised their person's official discretion, power or duty with respect to this bid; the bidder certifies and represents that it has not now and will not in the future offer, confer, or agree to confer a pecuniary benefit or other thing of value to any officer, trustee, agent, or employee of the Brownsville Public Utilities Board in connection with information regarding this bid, the submission of this bid, the award of this bid or the performance, delivery or sale pursuant to this bid.

THE BIDDER SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE BROWNSVILLE PUBLIC UTILITIES BOARD, ALL OF ITS OFFICERS, AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, ACTIONS, SUITS, DEMANDS, PROCEEDING, COSTS, DAMAGES, AND LIABILITIES, ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM ANY ACTS OR OMISSIONS OF CONTRACTOR OR ANY AGENT, EMPLOYEE, SUBCONTRACTOR, OR SUPPLIER OF CONTRACTOR IN THE EXECUTION OR PERFORMANCE OF THIS BID.

I have read all of the specifications and general bid requirements and do hereby certify that all items submitted meet specifications.

COMPANY: _____
AGENT NAME: _____
AGENT SIGNATURE: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP CODE: _____
TELEPHONE: _____ TELEFAX: _____
FEDERAL ID#: _____ AND/OR SOCIAL SECURITY #: _____

DEVIATIONS FROM SPECIFICATIONS IF ANY:

NOTE: QUESTIONS AND CONCERNS FROM PROSPECTIVE CONTRACTORS SHOULD BE RAISED WITH OWNER AND ITS CONSULTANT (IF APPLICABLE) AND RESOLVED IF POSSIBLE, PRIOR TO THE BID SUBMITTAL DATE. ANY LISTED DEVIATIONS IN A FINALLY SUBMITTED BID MAY ALLOW THE OWNER TO REJECT A BID AS NON-RESPONSIVE.

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS (THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH BID RESPONSE)

Name of Entity: _____

The prospective participant certifies to the best of their knowledge and belief that they and their principals:

- a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- b) Have not within a three year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, Local) with commission of any of the offenses enumerated in paragraph (1) (b) of this certification; and
- d) Have not within a three year period preceding this application/bid had one or more public transactions (Federal, State, or Local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this bid or termination of the award. In addition, under 18 USC Section 1001, a false statement may result in a fine up to a \$10,000.00 or imprisonment for up to five (5) years, or both.

Name and Title of Authorized Representative (Typed)

Signature of Authorized Representative

Date

I am unable to certify to the above statements. My explanation is attached

(THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH BID RESPONSE)

CONFLICT OF INTEREST QUESTIONNAIRE For vendor doing business with local governmental entity		FORM CIQ
<p>This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.</p> <p>This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).</p> <p>By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.</p> <p>A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.</p>	OFFICE USE ONLY Date Received	
1 Name of vendor who has a business relationship with local governmental entity.		
2 <input type="checkbox"/> Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)		
3 Name of local government officer about whom the information is being disclosed.	_____ Name of Officer	
4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.		
<p style="text-align: center;">A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?</p> <p style="text-align: center;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </p> <p style="text-align: center;">B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?</p> <p style="text-align: center;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </p>		
5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.		
6 <input type="checkbox"/> Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).		
7	_____ Signature of vendor doing business with the governmental entity Date	

CONFLICT OF INTEREST QUESTIONNAIRE
For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

- (1) the date that the vendor:
 - (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
 - (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or
- (2) the date the vendor becomes aware:
 - (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
 - (B) that the vendor has given one or more gifts described by Subsection (a); or
 - (C) of a family relationship with a local government officer.

BROWNSVILLE PUBLIC UTILITIES BOARD
RESIDENCE CERTIFICATION

In accordance with Art. 601g, as passed by the 1985 Texas Legislature, the following will apply. The pertinent portion of the Act has been extracted and is as follows:

Section 1. (a)

(1) "Nonresident bidder" means a bidder whose principal place of business is not in this state, but excludes a contractor whose ultimate parent company or majority owner has its principal place of business in this state.

(2) "Texas resident bidder " means a bidder whose principal place of business is in this state, and includes a contractor whose ultimate parent company or majority owner has its principal place of business in this state.

Section 1. (b)

The state or governmental agency of the state may not award a contract for general construction, improvements, services, or public works projects or purchases of supplies, materials or equipment to a nonresident bidder unless the nonresident's bid is lower than the lowest bid submitted by a responsible Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a nonresident bidder to obtain a comparable contract in the state in which the nonresident's principal place of business is located.

I certify that _____
(Company Name) is a **resident Texas bidder** as defined in Art. 601g.

Signature: _____

Print Name: _____

I certify that _____ (Company Name) is a
nonresident bidder as defined in Art. 601g. and our principal place of business is: _____

(City and State)

Signature: _____

Print Name: _____



Material submitted on this form is intended to verify the product suitability for use as part of the service area throughout the city of Brownsville. BPUB Electrical Engineering Department will evaluate the product to determine if product meets BPUB’s requirements, needs, and quality. Request shall include, but shall not be limited to a list of all standards (TCLP, ANSI, ICEA, ASTM, ACSR), and any certification (UL, ASSE, etc.) of the material.

The proposed material shall include the specification sheet with product detail and manufacturer information.

Request for Material Approval

Requestor Name: _____	Date: _____
Company Name : _____	_____
Street Address: _____	
City/ State/ Zip code: _____	
Phone #: _____	
Fax #: _____	

Material and Manufacturer Product

Description	Part Number	History in Market Utilities Related	Reference Information	Approved by:

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.</p> <p>2 Business name/disregarded entity name, if different from above</p> <p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p>
	<p>5 Address (number, street, and apt. or suite no.) See instructions.</p> <p>6 City, state, and ZIP code</p> <p>7 List account number(s) here (optional)</p>	<p>Requester's name and address (optional)</p>

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number								
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Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶ _____	Date ▶ _____
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Form **W-8BEN-E**

(Rev. July 2017)
Department of the Treasury
Internal Revenue Service

**Certificate of Status of Beneficial Owner for
United States Tax Withholding and Reporting (Entities)**

► For use by entities. Individuals must use Form W-8BEN. ► Section references are to the Internal Revenue Code.
► Go to www.irs.gov/FormW8BENE for instructions and the latest information.
► Give this form to the withholding agent or payer. Do not send to the IRS.

OMB No. 1545-1621

Do NOT use this form for:

- U.S. entity or U.S. citizen or resident W-9
- A foreign individual W-8BEN (Individual) or Form 8233
- A foreign individual or entity claiming that income is effectively connected with the conduct of trade or business within the U.S. (unless claiming treaty benefits) W-8ECI
- A foreign partnership, a foreign simple trust, or a foreign grantor trust (unless claiming treaty benefits) (see instructions for exceptions) W-8IMY
- A foreign government, international organization, foreign central bank of issue, foreign tax-exempt organization, foreign private foundation, or government of a U.S. possession claiming that income is effectively connected U.S. income or that is claiming the applicability of section(s) 115(2), 501(c), 892, 895, or 1443(b) (unless claiming treaty benefits) (see instructions for other exceptions) W-8ECI or W-8EXP
- Any person acting as an intermediary (including a qualified intermediary acting as a qualified derivatives dealer) W-8IMY

Instead use Form:

Part I Identification of Beneficial Owner

<p>1 Name of organization that is the beneficial owner</p>	<p>2 Country of incorporation or organization</p>															
<p>3 Name of disregarded entity receiving the payment (if applicable, see instructions)</p>																
<p>4 Chapter 3 Status (entity type) (Must check one box only):</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Corporation</td> <td><input type="checkbox"/> Disregarded entity</td> <td><input type="checkbox"/> Partnership</td> </tr> <tr> <td><input type="checkbox"/> Simple trust</td> <td><input type="checkbox"/> Grantor trust</td> <td><input type="checkbox"/> Complex trust</td> </tr> <tr> <td><input type="checkbox"/> Estate</td> <td><input type="checkbox"/> Government</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Central Bank of Issue</td> <td><input type="checkbox"/> Tax-exempt organization</td> <td><input type="checkbox"/> Private foundation</td> </tr> <tr> <td></td> <td><input type="checkbox"/> International organization</td> <td></td> </tr> </table> <p>If you entered disregarded entity, partnership, simple trust, or grantor trust above, is the entity a hybrid making a treaty claim? If "Yes" complete Part III. <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		<input type="checkbox"/> Corporation	<input type="checkbox"/> Disregarded entity	<input type="checkbox"/> Partnership	<input type="checkbox"/> Simple trust	<input type="checkbox"/> Grantor trust	<input type="checkbox"/> Complex trust	<input type="checkbox"/> Estate	<input type="checkbox"/> Government		<input type="checkbox"/> Central Bank of Issue	<input type="checkbox"/> Tax-exempt organization	<input type="checkbox"/> Private foundation		<input type="checkbox"/> International organization	
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<p>5 Chapter 4 Status (FATCA status) (See instructions for details and complete the certification below for the entity's applicable status.)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Nonparticipating FFI (including an FFI related to a Reporting IGA FFI other than a deemed-compliant FFI, participating FFI, or exempt beneficial owner). <input type="checkbox"/> Participating FFI. <input type="checkbox"/> Reporting Model 1 FFI. <input type="checkbox"/> Reporting Model 2 FFI. <input type="checkbox"/> Registered deemed-compliant FFI (other than a reporting Model 1 FFI, sponsored FFI, or nonreporting IGA FFI covered in Part XII). See instructions. <input type="checkbox"/> Sponsored FFI. Complete Part IV. <input type="checkbox"/> Certified deemed-compliant nonregistering local bank. Complete Part V. <input type="checkbox"/> Certified deemed-compliant FFI with only low-value accounts. 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<p>6 Permanent residence address (street, apt. or suite no., or rural route). Do not use a P.O. box or in-care-of address (other than a registered address).</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 70%; border: none;">City or town, state or province. Include postal code where appropriate.</td> <td style="width: 30%; border: none;">Country</td> </tr> </table>		City or town, state or province. Include postal code where appropriate.	Country													
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<p>8 U.S. taxpayer identification number (TIN), if required</p>	<p>9a GIIN</p>															
<p>10 Reference number(s) (see instructions)</p>																
<p>b Foreign TIN</p>																

Note: Please complete remainder of the form including signing the form in Part XXX.

For Paperwork Reduction Act Notice, see separate instructions.

Cat. No. 59689N

Form **W-8BEN-E** (Rev. 7-2017)