

Palau Public Utilities Corporation

REQUEST FOR PROPOSAL PUCE25-002 Supply of PDD Distribution Hardware

 Issued on
 : May 7, 2025

 Close on
 : May 22, 2025

Request For Proposal No. (RFP No.) : PUCE25-002

Employer : Palau Public Utilities Corporation (PPUC)

PO Box 1372, Oldiais Building, Medalaii, Koror

Republic of Palau 96940

Country : Republic of Palau

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1. EXECUTIVE SUMMARY

This Request for Proposals (RFP) seeks proposals from qualified suppliers for various electrical distribution hardware for the Power Distribution Department.

Sealed proposals will be accepted from May 7, 2025, until 4:00 P.M. Palau time on May 22, 2025. Submissions must be delivered to the PPUC Main Office, 2nd Floor, Oldiais Building, Medalaii, Koror, Palau.

For inquiries, contact Johanny Kurihara at (680) 488-3870 ext. 2046 or <u>j.kurihara@ppuc.com</u>.

This RFP aims to identify a reliable supplier capable of providing high-quality electrical distribution hardware essential for the efficient operation and maintenance of our distribution system. This hardware is critical for new installations, upgrades, and addressing daily operational issues, ensuring the reliability and efficiency of our electrical services and compliance standards. We invite proposals from competent suppliers who can meet our specifications and support our commitment to service excellence.

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2. BACKGROUND

The Palau Public Utilities Corporation (PPUC) is responsible for providing power, water, and sewerage services to Koror and other areas in the Republic of Palau. Established in 1994, the same year Palau gained independence as a sovereign nation, PPUC has operated as the national electric utility. The corporation oversees approximately 47 linear miles of 34.5 kV transmission lines and 114 linear miles of 13.8 kV distribution lines.

On June 6, 2013, the Palau Water and Sewer Corporation, which managed water and wastewater services in Palau, was dissolved, and its operations were merged with PPUC.

Currently, PPUC serves approximately 7,200 customers and handles an average monthly billing of about 5.5 million kilowatt-hours (kWh) and 45.2 million gallons of water. Our services extend throughout Koror (the economic capital), Babeldaob, and three outlying island states. PPUC employs 292 staff members and operates from one administrative office, five power plants, and several water and sewer stations

3. SCOPE OF SUPPLY

Power Distribution Hardware List:

Pole Mounted Transformers:

No.	Item Code	Description	Quantity
1	301-7036-5KVA 13.8	Pole Mounted Transformer 5KVA 7970/13800Y, 2 Bushing, 120/240V	4
2	301-7036-10KVA 13.8	Pole Mount Transformer 10KVA 7970/13.8Y, 2 Bushing 120/240V	5
3	301-7036-15KVA 13.8	Pole Mount Transformer 15KVA 7970/13.8Y, 2 Bushing 120/240V	10
4	301-7036-25KVA 13.8	Pole Mount Transformer 25KVA 7970/13.8Y, 2 Bushing 120/240V	10
5	301-7036-37.5KVA 13.8	Pole Mount Transformer 37.5KVA 7970/13.8Y, 2 Bushing 120/240V	10
6	301-7036-50KVA 13.8	Pole Mount Transformer 50KVA 7970/13.8Y, 2 Bushing 120/240V	10
7	301-7036-75KVA 13.8	Pole Mount Transformer 75KVA 7970/13.8Y, 2 Bushing 120/240V	5
8	301-7036-100KVA 13.8	Pole Mount Transformer 100KVA 7970/13.8Y, 2 Bushing 120/240V	5

Electrical Wires:

No.	Item Code	Description	Quantity
1	301-7051-#4CU.SOL	Wire Riser #4 Trans. Sol. w/Soft Cover	3000ft
2	301-7051-2-7AL	Wire Triplex 2-7 AL CONCH/XL	10,000ft
3	301-7051-2/0-19	Wire Copper 2/0-19 CU XHH	5,000ft
4	301-7051-2/0AL	Wire Trip 2/0-19 Triton A	10,000ft
5	301-7051-4-7STR.AL PERWI	Wire Trip 4-7 STR AL Perwinkle	10,000ft
6	301-7051-4/0- 19XHHW	Wire STR CU 4/0-19 XHHW 4	2,000ft

Pole Top Hardware:

No.	Item Code	Description	Quantity
1	301-6051-11612A	LAPP MOUNTING STUD FOR LINE POST (5/8X7 1/2 W/SQ NUT)	300
2	301-6051-STAP B&NUT	STRAP TWIST W/BOLTS & NUT	300
3	301-6051-UABD417	U Bond 13m	200
4	301-6052- DJA9501418	BRACKET FOR LINE-POST	50
5	301-6103-#2#4#6	DEAD-END CLAMP for COPPER (4dia~38deg)	50
6	301-6103- BHLS022016E	CLAMP BAIL CU. SIZE: #6 2/0	100
7	301-6103-BDE-46C	CLAMP STRAIN	50
8	301-6103-HDC58R	CLAMP GROUND ROD 5/8	50
9	301-6103-S1520GP	CLAMP, TAP 2/0-8 (HOT)	200
10	301-6104-0327	CLEVIS, STEADY INS.	200
11	301-6104-805028- OU09	LINE POST (VLLP) INSULATOR, 34.5kv	100
12	301-6210-M10.4 SFA23	FUSE LINKS, SCREW CAP	150
13	301-6210-M14.0 SFA23	FUSE LINKS, SCREW CAP	150
14	301-6210-M2D1SFA	FUSE LINK, REMOVABLE CAPS, 23	50
15	301-6210-M3.1SF23	FUSE LINK 3.1 AMPS	100
16	301-6210-M4.2SF23	FUSE LINK 4.2 AMPS	150
17	301-6210-M5D2SFA	FUSE LINK, REMOVABLE CAPS, 23	100
18	301-6210-M6.3SF23	FUSE LINK 6.3 AMPS	100

19	301-6210-M7D0SFA	FUSE LINK, REMOVABLE CAPS 23	200	
20	301-6210-M80.MSA	FUSE LINK, REMOVABLE CAPS, 23	20	
21	301-6210- M100MSA23	FUSE LINK TYPE MS	20	
22	301-6353-GL410	AUTOMATIC TENSION SLEEVES	50	
23	301-6401-4320-70-P	LINE POST INSULATOR 20KV	200	
24	301-6601-6502	NUT EYE 5/8-11	200	
25	301-6703-615880	ROD Ground 5/8x8	100	
26	301-6810-401015-021	INSULATOR POLYMER EPDM	250	
27	301-6812-27	SPLICE, ASSEMBLY 2STR. (7&1)	100	
28	301-7101-1.8M	CROSSARM STEEL-DJA-94015-13	150	

1. PROPOSAL DETAILS:

To facilitate review of the proposals, interested suppliers are invited to submit their proposals in response to this RFP and should in conformance with the following:

The Statement of Qualifications/Cost Proposal (together) for supplying and construction work shall meet the following:

A. Format of proposals

- **1.** A cover page with a table of contents
- **2.** An executive summary page that identifies:
 - Product specification and Pricing
 - Concepts summary
 - Payment Terms
 - Delivery Timelines
 - Any relevant certifications or qualifications
- **3.** Corporate Bio and History of technical expertise.
 - Company's experience
 - Key personnel (for construction)
 - Organizational Chart showing Personnel to be assign to the project. (for construction)
- **4.** Provide quality control procedures during transit, and product and services quality assurances during the duration of the contract.
- **5.** Other Proposal features which are unique and will contribute to the overall value of the offer or proposal.

B. Proposal Addendums

- 1. Capability and Qualifications
 - Provide annual reports that contain performance data that demonstrate Offeror's ability to fulfill the terms of the proposal.
 - Provide evidence of experience providing similar services in the area or the Pacific Rim.

In addition to the above and as part of the evaluation process, the Contracting Officer (CO) may require from the Offerors additional information in connection with any inquiry to determine responsibility. Failure to provide information may be a ground for determination of non-responsibility. For the purposes of determining responsibility the Contracting Officer may request inspection of the plant or place of business of the bidder or offeror at a reasonable time, and the Contracting Officer may request the bidder or offeror to submit documents or other records for inspection. Failure to comply promptly with such requests shall be grounds for determination that the bidder or offeror has failed to meet the standards of responsibility and shall be disqualified from the selection.

C. Proposal Submission

The PPUC shall have the full right and authority to use any and all information contained in the RFP submittals for any other purpose it deems appropriate in its sole discretion, unless the offeror clearly specifies the information in the offeror's RFP which shall be used only for the limited purpose of evaluating the RFP, and so specifies in writing such information with the following statement: "This particular data/information furnished in connection with our proposal shall not be disclosed to any third party or for any such data to the extent provided in the contract or as ordered by the Court.

All responses to the RFP will be held by PPUC in strict confidence until the contract to the successful offeror has been executed, whereupon PPUC shall have ownership rights to all proposals received, as constrained.

In preparing the technical proposal, you are expected to examine all terms and instructions included in the Documents. Failure to provide all requested information shall be at your own risk and may result in rejection of your proposal.

5 OBTAINING RFP

Electronic copies of the RFP may be obtained by emailing the nominated Contact Officer below, or from the PPUC website www.ppuc.com. All prospective bidders are requested to provide their contact details (company name and website, contact person, email and telephone number) to ensure they receive any updates to the RFP.

PPUC will also issue hard copies of the RFP on request at Palau Public Utilities Corporation (PPUC), Oldiais Building, Medalaii, Koror PO Box 1372, Republic of Palau 96940.

Contact Officer:

The contact officer for this RFP is:

Ms. Johanny Kurihara

Chief Procurement Officer
Palau Public Utilities Corporation
Oldiais Building, Medalaii, Koror
PO Box 1372,
Republic of Palau 96940

Telephone No. (680)-488-3870/3872 E-mail Address: j.kurihara@ppuc.com

6. SUBMISSION OF PROPOSALS

Interested Contractors may submit their sealed Proposal hardcopy to PPUC- Main Office, 2nd Floor, Oldiais Building, Medalaii, Koror, Palau 96940, or by email to the nominated Contact Officer. For inquiries regarding submission of quotations, please contact Ms. Kurihara as noted above.

7.PAYMENT TERMS

- A. Payment terms shall be determined as follows:
 - **a.** After evaluation per proposal
 - **b.** After negotiations with the winning offeror.
 - **c.** All payments shall be made after receipt of original invoice from contractor for each work phase, certified by a duly authorized PPUC representative

8. EVALUATION AND SELECTION PROCESS

PPUC retains the right to award any or all portions of the work if it is in its best interest to do so. PPUC will select the firm that in its sole opinion best meets its requirements. Criteria:

Each proposal will be evaluated initially by a specially convened committee in line with the criterion set forth in this section. All proposals and their separate components will be subjected to the same evaluation criteria and process.

The criteria used to evaluate the RFP responses will include, but not be limited to the following:

1. Compliance with Proposal Requirements (20%)

All proposals will be assessed for adherence to the instructions detailed by PPUC and their overall compliance with the requirements outlined in this RFP. Proposals must align with specifications to ensure eligibility for further evaluation.

2. Bidders' Quality Specifications (30%)

Proposals will be evaluated based on the quality of design and engineering, including material quality, testing and inspection processes, compliance with relevant certifications, warranty and maintenance terms, as well as customer feedback and overall reputation of

the bid. A higher score will be given to proposals demonstrating superior product quality and reliability.

3. Bidders' Delivery Capabilities (30%)

An evaluation of each bidder's delivery capabilities will be conducted, focusing on lead times for manufacturing, proposed timelines, and logistics associated with delivering the sewer pumps. Timely delivery is essential for project planning and execution.

4. Cost Proposal (20%)

All bids must include a detailed breakdown of costs associated with the project or services. Proposals will be assessed for competitive pricing and favourable payment terms, ensuring overall value for the investment.

Note: Provide your TIN number if your company is registered for the Palau Goods and Services Tax (PGST).

9. GENERAL CONDITIONS

- A. Contractors/Suppliers are required to submit their proposals in accordance with the conditions outlined in these instructions.
- i. **Assignment of Contract:** The contract shall not be assigned to any party without prior written consent from PPUC. This RFP does not commit PPUC to award a contract, pay any costs incurred in the preparation of the proposal, or procure services.
- i. **RFP Modification:** PPUC reserves the right to impose additional requirements and conditions during the pre-bid conference or request for information (RFI). PPUC also reserves the right to accept or reject any or all proposals received, negotiate with qualified Bidders, or cancel this RFP in whole or in part if it is deemed in the best interest of PPUC. Prospective Bidders may be required to participate in negotiations and submit any price or technical revisions resulting from this process.
- ii. **Performance Bond:** PPUC requires all contractors with contracts exceeding \$50,000.00 to acquire performance bond from a reputable surety company to the PPUC Chief Executive Officer. This bond shall ensure the successful completion of the contract in accordance with its terms, scope of work and specification and shall be in an amount equal to or greater than 50% of the contract price. The bond shall be valid for the duration of the contract, including any extensions or modifications.
- iii: **Payment Security:** PPUC requires all contractors who intend to subcontract any portion of the work exceeding \$50,000 to acquire payment security through a surety acceptable to the PUPC Chief Executive Officer. This bond must guarantee payment to all subcontractors, labourers and other parties who perform work or provide materials under the subcontract agreement. The bond shall be valid for the duration of the contract, including any extensions or modifications.
- iv. **Transfer of Property:** All proposals submitted will become the property of PPUC.
- v. **Conformity:** The PPUC procurement regulations shall apply to all proposals, and the winning contractor shall be bound by them.

vi. **Bid Security:** PPUC requires that all construction project proposals exceeding \$50,000 must include a bid bond equivalent to 10% of the bid amount. This can be in the form of cash, a certified check, a cashier's check, or a proposal bond made payable to PPUC. This guarantee shall be forfeited if the awarded contractor fails to execute and deliver the contract and fulfil all obligations related to labour or materials.

vii. Submission of the Proposal:

- 1. Include a cover page with a table of contents.
- 2. Provide an executive summary outlining corporate history, the contractor's ability to meet RFP requirements, project cost, project duration, and salient details.
- 3. The proposals should be sealed and included in a package that contains:
 - a. The contractor's information (i.e., name, address, and contact) on the outside of the package.
 - b. The RFP# prominently displayed on the outside of the package. Submissions must be received NO LATER THAN 4:00 PM on the CLOSING DATE (Palau Time).

[Note: The RFP # should be in large font.]

- c. Include one (1) original and one (1) USB drive. Deliver to the address noted above, or for overseas suppliers, send via USPS or email to j.kurihara@ppuc.com only.
 - viii. **Inquiries:** Any inquiries, requests for clarification, or requests for additional information regarding this RFP must be submitted in writing via email to the provided contacts.
 - ix. **PPUC Rights:** PPUC reserves the right to extend the closing date and to cancel or modify this notice and the RFP in any manner.

10. CONTRACT CLAUSES

A. All contracts shall, at a minimum, contain the following clauses:

1. Governing Regulations	13. Commencement of Work
2. Penalties for Violation of Regulations	14. Liquidated Damages
3. Contract Disputes	15. Schedule
4. Gratuities	16. Clear Title
5. Kickbacks	17. Taxes
6. Representation of Contractor Concerning Contingent Fees	18. Force Majeure
7. Changes	19. Relationship
8. Stop Work Order	20. Entire Agreement
9. Termination for Defaults or Convenience	21. Assignment
10. Approvals, Certificates, Permits and Licenses	22. Subcontract
11. Laws and Regulations	23. Contracting Officer

12. PPUC's right to inspect

11. CONTACT DETAILS

Wridon Ngiralmau

PPUC PDD Manager

Power Distribution Department

Tel: (680488-3870

Email: w.ngiralmau@ppuc.com

Johanny Kurihara

PPUC Chief Procurement Officer

PPUC Procurement Division

Tel: (680) 488-5320 Fax: (680) 488-4499

Email: <u>j.kurihara@ppuc.com</u>

APPENDIX 1- BID FORM

Letter of Quotation

Date:	/
RFP :	No.: PUCE25-002
Sup	ply of PDD Distribution Hardware
То:	The Chief Executive Officer Palau Public Utilities Corporation
We,	the undersigned, declare that:
(a)	We have examined and have no reservations to the RFP, including Addenda issued in accordance (if any);
(b)	The price of our Bid, excluding any discounts offered in item (d) below is the sum of [amount of local currency in words], [amount in figures]
(c)	Our bid shall be valid for a period of days from the date fixed for the bid submission deadline in accordance with the RFP, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
(d)	We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
(e)	We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive; and
(f)	We accept full responsibility for the health and safety of persons employed by us in completing the works under this Quotation.
Nam	e
In the	e capacity of
Sign	ed
Duly	authorized to sign the Bid for and on behalf of

Appendix 2: Schedules of Rates and Prices

Price Schedules

General

- 1. The Request for Proposal will be a Lump Sum Quotation for completion of all specified works.
- 2. The Schedules generally describe the works to be performed. Bidders shall be deemed to have read the RFP and visited the sites to ascertain the full scope of the requirements prior to filling in the price. The entered price shall be deemed to cover the full scope as aforesaid, including overheads and profit.
- 3. If bidders are unclear or uncertain as to any item, they shall seek clarification in writing prior to submitting their bid.

Pricing

- 4. Prices shall be entered in indelible ink, and any alterations necessary due to errors, etc., shall be initialled by the Bidder.
- 5. Bid prices shall be quoted in United States Dollars, in the manner indicated in the Bid Form of the RFP. For each item, bidders shall complete each appropriate column in the respective Schedules, giving the price breakdown as indicated in the Schedules.
- 6. Payments will be made to the Contractor in United States Dollars.
- 7. When requested by the Employer for the purposes of making payments or partial payments, valuing variations or evaluating claims, or for such other purposes as the Employer may reasonably require, the Contractor shall provide the Employer with a breakdown of any composite or lump sum items included in the Schedules.

Pole Mounted Transformers:

No.	Item Code	Description	Quantity	Unit Cost	Total Price
1	301-7036- 5KVA 13.8	Pole Mounted Transformer 5KVA 7970/13800Y, 2 Bushing, 120/240V	4		
2	301-7036- 10KVA 13.8	Pole Mount Transformer 10KVA 7970/13.8Y, 2 Bushing 120/240V	5		

3	301-7036- 15KVA 13.8	Pole Mount Transformer 15KVA 7970/13.8Y, 2 Bushing 120/240V	10		
4	301-7036- 25KVA 13.8	Pole Mount Transformer 25KVA 7970/13.8Y, 2 Bushing 120/240V	10		
5	301-7036- 37.5KVA 13.8	Pole Mount Transformer 37.5KVA 7970/13.8Y, 2 Bushing 120/240V	10		
6	301-7036- 50KVA 13.8	Pole Mount Transformer 50KVA 7970/13.8Y, 2 Bushing 120/240V	10		
7	301-7036- 75KVA 13.8	Pole Mount Transformer 75KVA 7970/13.8Y, 2 Bushing 120/240V	5		
8	301-7036- 100KVA 13.8	Pole Mount Transformer 100KVA 7970/13.8Y, 2 Bushing 120/240V	5		
			1	CIF/Freight Cost	
				TOTAL:	
				IUIAL:	

Electrical Wires:

No.	Item Code	Description	Quantity	Unit Cost	Total Cost
1	301-7051- #4CU.SOL	Wire Riser #4 Trans. Sol. w/Soft Cover	3000ft		
2	301-7051-2-7AL	Wire Triplex 2-7 AL CONCH/XL	10,000ft		
3	301-7051-2/0-19	Wire Copper 2/0-19 CU XHH	5,000ft		
4	301-7051-2/0AL	Wire Trip 2/0-19 Triton A	10,000ft		
5	301-7051-4- 7STR.AL PERWI	Wire Trip 4-7 STR AL Periwinkle	10,000ft		
6	301-7051-4/0- 19XHHW	Wire STR CU 4/0-19 XHHW 4	2,000ft		

CIF/Freight Cost:	
TOTAL:	

Pole Top Hardware:

No.	Item Code	Description	Quantity	Unit Price	Total P
1	301-6051-11612A	LAPP MOUNTING STUD FOR LINE POST (5/8X7 1/2 W/SQ NUT)	300		
2	301-6051-STAP B&NUT	STRAP TWIST W/BOLTS & NUT	300		
3	301-6051- UABD417	U Bond 13m	200		
4	301-6052- DJA9501418	BRACKET FOR LINE-POST	50		
5	301-6103-#2#4#6	DEAD-END CLAMP for COPPER (4dia~38deg)	50		
6	301-6103- BHLS022016E	CLAMP BAIL CU. SIZE: #6 2/0	100		
7	301-6103-BDE- 46C	CLAMP STRAIN	50		
8	301-6103- HDC58R	CLAMP GROUND ROD 5/8	50		
9	301-6103- S1520GP	CLAMP, TAP 2/0-8 (HOT)	200		
10	301-6104-0327	CLEVIS, STEADY INS.	200		
11	301-6104-805028- OU09	LINE POST (VLLP) INSULATOR, 34.5kv	100		
12	301-6210-M10.4 SFA23	FUSE LINKS, SCREW CAP	150		
13	301-6210-M14.0 SFA23	FUSE LINKS, SCREW CAP	150		

301-6210- M2D1SFA	FUSE LINK, REMOVABLE CAPS, 23	50		
301-6210- M3.1SF23	FUSE LINK 3.1 AMPS	100		
301-6210- M4.2SF23	FUSE LINK 4.2 AMPS	150		
301-6210- M5D2SFA	FUSE LINK, REMOVABLE CAPS, 23	100		
301-6210- M6.3SF23	FUSE LINK 6.3 AMPS	100		
301-6210- M7D0SFA	FUSE LINK, REMOVABLE CAPS 23	200		
301-6210- M80.MSA	FUSE LINK, REMOVABLE CAPS, 23	20		
301-6210- M100MSA23	FUSE LINK TYPE MS	20		
301-6353-GL410	AUTOMATIC TENSION SLEEVES	50		
301-6401-4320- 70-P	LINE POST INSULATOR 20KV	200		
301-6601-6502	NUT EYE 5/8-11	200		
301-6703-615880	ROD Ground 5/8x8	100		
301-6810-401015- 021	INSULATOR POLYMER EPDM	250		
301-6812-27	SPLICE, ASSEMBLY 2STR. (7&1)	100		
301-7101-1.8M	CROSSARM STEEL-DJA- 94015-13	150		
	,		CIF/Freight Cost:	
TOTAL:				
	M2D1SFA 301-6210- M3.1SF23 301-6210- M4.2SF23 301-6210- M5D2SFA 301-6210- M6.3SF23 301-6210- M7D0SFA 301-6210- M80.MSA 301-6210- M100MSA23 301-6353-GL410 301-6401-4320- 70-P 301-6601-6502 301-6703-615880 301-6810-401015- 021	M2D1SFA CAPS, 23 301-6210- M3.1SF23 FUSE LINK 3.1 AMPS 301-6210- M4.2SF23 FUSE LINK, REMOVABLE CAPS, 23 301-6210- M6.3SF23 FUSE LINK, REMOVABLE CAPS, 23 301-6210- M7D0SFA FUSE LINK, REMOVABLE CAPS 23 301-6210- M80.MSA FUSE LINK, REMOVABLE CAPS, 23 301-6210- M100MSA23 FUSE LINK TYPE MS 301-6353-GL410 AUTOMATIC TENSION SLEEVES 301-6401-4320- 70-P LINE POST INSULATOR 20KV 301-6601-6502 NUT EYE 5/8-11 301-6810-401015- 021 INSULATOR POLYMER EPDM 301-6812-27 SPLICE, ASSEMBLY 2STR. (7&1) 301-7101-1 8M CROSSARM STEEL-DJA-	M2D1SFA CAPS, 23 50 301-6210-M3.1SF23 FUSE LINK 3.1 AMPS 100 301-6210-M4.2SF23 FUSE LINK 4.2 AMPS 150 301-6210-M5D2SFA FUSE LINK, REMOVABLE CAPS, 23 100 301-6210-M6.3SF23 FUSE LINK, REMOVABLE CAPS 23 200 301-6210-M7D0SFA FUSE LINK, REMOVABLE CAPS, 23 20 301-6210-M80.MSA FUSE LINK, REMOVABLE CAPS, 23 20 301-6210-M100MSA23 FUSE LINK TYPE MS 20 301-6353-GL410 AUTOMATIC TENSION SLEEVES 50 301-6401-4320-70-P LINE POST INSULATOR 200 200 301-6601-6502 NUT EYE 5/8-11 200 301-6703-615880 ROD Ground 5/8x8 100 301-6810-401015-021 INSULATOR POLYMER EPDM 250 301-6812-27 SPLICE, ASSEMBLY 2STR. (7&1) 100 301-7101-1 8M CROSSARM STEEL-DJA-150 150	M2D1SFA