

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS**

**ADDENDUM NO. 2
FOR
MAINTENANCE AND INSPECTION OF ELECTRICAL EQUIPMENT
AT WILSON TUNNEL, LIKELIKE HIGHWAY
ISLAND OF OAHU
PROJECT NO. HWY-OT-2024-07**

April 11, 2024

This Addendum shall make the following amendment to the Bid Document.

A. APPENDIX B

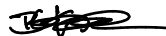
1. Delete **APPENDIX B in its entirety** dated 3/15/2024 and replace with attached **APPENDIX B** dated r4/11/2024.

The following is provided for information:

B. PRE-BID MEETING MINUTES

1. The April 8, 2024, pre-bid meeting minutes are attached for your information.

Please acknowledge receipt of this **ADDENDUM NO. 2** by recording the date of its receipt in the space provided on page PF-4 of the Proposal.



BLAINE K. KAWAMURA
Acting Engineering Program Manager
Construction & Maintenance Branch

APPENDIX B

EQUIPMENT LIST Wilson Tunnel Fan Ventilation Building and Portal Buildings

Item No.	Description of Equipment	Model	Quantity	
			Count (each)	Total Quantity (each)
1	Westinghouse VCP-W Breakers	377GA11G06	7	7
2a	Westinghouse ABB Induction Disk Relay	265C047A05	9	28
2b	Westinghouse ABB Induction Disk Relay	265C047A07	12	
2c	Westinghouse ABB Induction Disk Relay	2I4C900A01	7	
3a	GE Induction Disk Relay	121AC53B4A	12	16
3b	GE Induction Disk Relay	121AC51A2A	4	
4	GR PJV Instantaneous Voltage Relays	12PJV11J11A	2	2
5	GE Auxiliary Relay Type HFA, 125 VDC	12HFA65D62F	2	2
6	ABB Dry Type Transformer, 500KVA	24-34001L01	2	2
7	Transformer Vaults	Not Applicable	2	2
8	GE Medium Voltage Magneblast Air Circuit Breakers	AM-4.1650-6	7	7
9a	480 Volt GE Air Circuit Breakers	AK-1-25	2	4
9b	600 Volt GE Air Circuit Breakers	AK-1-50-2	2	
10	Controlled Power Uninterruptible Power Supply	ELE JYX 16KW-1S00	2	2
11	GE Multilin F60 Feeder Protection System	GEK-113389A	2	2

General Notes:

1. Refer to Appendix A for Routine and Preventative Maintenance Procedures.
2. Maintenance for equipment related to Switchgear (breakers, relays, etc.) shall include maintenance procedures for Switchgear and Switchboard Assemblies as found in Appendix A.
3. Item No. 7: each vault contains 1 (one) 37kva transformer and 3 (three) 167kva transformers

PRE-BID MEETING MINUTES
MAINTENANCE AND INSPECTION OF ELECTRICAL EQUIPMENT AT WILSON TUNNEL,
LIKELIKE HIGHWAY, ISLAND OF OAHU
HlePro solicitation B24002045
April 8, 2024, 10:00 AM, Microsoft Teams

A. INTRODUCTIONS

*Joel Yago HDOT HWY-OT
Gerald Pang HDOT Tunnel Manager
Jake Dickman HDOT HWY-CM
Jonathan Bell, Bell Electric
Charles Lovelace Schnackel Engineer Supporting Bell Electric*

B. SIGN-IN SHEET

Not applicable because meeting was done virtual (Microsoft Teams).

C. PROJECT DESCRIPTION & SCOPE OF WORK

Maintenance, repair, inspection of electrical equipment at Wilson Tunnel. Refer to Appendix A and B, tasks and equipment list. Discussed added equipment (Feeder Protection and UPS system) and quantity changes in relays.

D. COMPLETION TIME & PROJECT SCHEDULE

1 year, extendable 2 additional years.

E. PROPOSAL PACKAGE

List bid items, discussed changes in Addendum 1 (just one proposal schedule, changes in 10.17 escalation clause).

F. SITE VISITS

Contact Joel Yago, (808) 485-6261, joel.a.yago@hawaii.gov.

G. QUESTIONS DURING BID

HlePRO for submittal of questions. Questions/RFIs due 4/9/24 at 2:00 PM.

H. BID OPENING

4/24/2024 2:00 PM

I. REQUIRED BID SUBMITTALS

Addendums must be signed, submitted.

J. QUESTIONS

Site visit tentatively 4/9/24 afternoon.