

| Position Title and No | Construction supervision electrical engineer-III |
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| Name of Expert: | Haftamu Desta Yemata |
| Date of Birth: | 16/9/1988 |
| Country of Citizenship/Residence | Ethiopia |
| Email | Haftishd451616@hotmail.com |
| Mobile No. | +251-0923-99-30-00 or +251-0984-95-26-92 |

Education:

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| Educational Institutions | Addis Ababa Institute of technology |
| Dates | 13/11/2015 |
| Degree(s)/diploma(s) obtained | MSc. In Electrical engineering for railway systems |

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| Educational Institutions | Mekelle Institute of technology |
| Dates | 8/14/2012 |
| Degree(s)/diploma(s) obtained | BSc. In electrical and electronics engineering |

Training

- Training in Substation design engineering (given by MVV Consulectera)
- Training for GERD-Dedesa-Holeta-500kV power transmission project (Given by State grid)
- Training in Design and layout of EHV AC substations (Given by Addis Ababa science and Technology University).

Key Qualifications

More than 7 Years of experience in Transmission Substations construction and contract administration.

After completing my studies at the University of "Mekelle Institute of technology" in Mekele, in 2012 and "Addis Ababa institute of Technology" in Addis Ababa, in 2015, an electrical engineer by profession, I have been active in power transmission substation, power generation, and renewable energy systems construction, and telecommunication systems.

I have accumulated a lot of professional experience working in the transmission system Construction, as a Construction supervision electrical engineer, which qualifies me for the complete range of electrical engineering activities including energy, system construction and project management.

Employment record relevant to the assignment:

| Period | Employing organization and your title/position. Contact info for references | Country | Summary of activities performed relevant to the Assignment |
|-------------------|--|---------|--|
| 2015 – up to date | Employer: Haftamu Desta Position: construction supervision electrical engineer Contact for Reference: Girma Zeleke: supervision and contract administration director Email: girma.zeleke@eep.com.et or gsaron21@gmail.com Phone: +251-929-92-95-97/978-11-88-88 Yared Fekadu: Transmission substation design director Email: hyaredf@gmail.com Phone: +251-923-46-14-61 | | <ul style="list-style-type: none"> • Substation construction supervision, new and rehabilitated sites • Test and commissioning • Contract evaluation • Factory acceptance test |
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Language Skills:

| Language | Reading | Writing | Speaking |
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| English | Excellent | Excellent | Excellent |
| Amharic | Excellent | Excellent | Excellent |
| Tigrigna | Excellent | Excellent | Excellent |

Adequacy for the Assignment:

| Detailed Tasks Assigned on Consultant's Team of Experts: | Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks |
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| | Project/Assignment: GERD-Dedesa-Holeta 500kV power transmission project Contract value: more than 28 billion Ethiopian birr Location: Ethiopia Client: Ethiopian electric power |

| Detailed Tasks Assigned on Consultant's Team of Experts: | Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks |
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| | <p>Year (from-to): 2014-2016 Position: supervisor at Dedesa substation and test and commissioning engineer at Holeta substation Narrative Description of Project:</p> <ul style="list-style-type: none"> • Construction of 500/132/33/15 at Dedesa substation • Construction of 500/400/230/132/15 kV substation at Holeta substation • Installation of SCADA and Optical fiber systems • Installation of capacitor Banks • Installation of SVC • Test and commissioning <p><u>Activities Included:</u> Supervising the substation based on:</p> <ul style="list-style-type: none"> • Approved Design • Standards • Contract document • Factory acceptance test • Science and logic • Material handover <p>Test and commissioning</p> |
| | <p>Project/Assignment: GDYW-1 Supply & Construction of Yirgalem II 400/230/132/15 kV Substation & Supply of Substation Equipment for Hawassa-II 230/132/15 kV Substation</p> <p>Contract value: USD 53,838,769.00 and ETB(Ethiopian birr) 186,182,991.00 Location: Ethiopia Client: Ethiopian Electric power Year (from-to): 2016-2017 Position: supervisor Narrative Description of Project:</p> <ul style="list-style-type: none"> • construction of 400/230/132/15 kV Yrigalem substation • Supply of Equipment for 230/132/15 kV hawassa substation • Supply of Equipment for 400/230/132/15 kV Yrigalem substation • Installation of SCADA and Fiber Optic systems • Test and commissioning <p><u>Activities Included:</u> Supervising the substation based on:</p> <ul style="list-style-type: none"> • Approved Design • Standards • Contract document • Factory acceptance test • Science and logic • Material handover <p>Test and commissioning</p> |
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| Detailed Tasks Assigned on Consultant's Team of Experts: | Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks |
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| | <p>Project/Assignment: HV transmission and network rehabilitation and upgrading contract-3 Contract value: USD 106,147,230.27 and ETB(Ethiopian birr) 493,495,012.34</p> <p>Location: Ethiopia Client: Ethiopian electric power Year (from-to): 2017-2018 Position: supervisor /test and commissioning engineer Narrative Description of Project:</p> <ul style="list-style-type: none"> • Construction of 230 kV Axum substation • Construction of 132 kV bako substation • Construction of 230 kV Debrebrihan substation • Bus bar and line bay extension at Adwa substation • Expansion of Sebeta-II substation • Upgrading of Gefersa substation • Expansion of Sebeta-I substation • Upgrading of Sululta substation • Upgrading of Mekanisa substation • Expansion of Gelan substation • Extension of Gonder substation • Expansion of combolcha-II substation • Test and commissioning • Installation of SCADA and Fiber Optic system <p>Activities Included: Supervising the substation based on:</p> <ul style="list-style-type: none"> • Approved Design • Standards • Contract document • Factory acceptance test • Science and logic • Material handover <p>Test and commissioning</p> |
| | <p>Project/Assignment: Akaki-II,Debrezeit-III,Dukem-II,Mojo-II and Ginchi-II power transmission project Contract value: USD 38,008,938.00 and ETB(Ethiopian Birr) 369,862,307.00</p> <p>Location: Ethiopia Client: Ethiopian electric power Year (from-to): 2018-2019-now clearing remarks Position: Test and commissioning Engineer(team leader) Narrative Description of Project:</p> <ul style="list-style-type: none"> • Construction of 400/230/15 kV Debrezeit substation • Extension of one 400 kV line bay at Akaki Substation • Construction of 230/15 kV at Dukem substation • Construction of 230/15 kV at Modjo substation • Construction of 230/15 kV at Ginchi substation • Installation of SCADA and Fiber Optic system • Test and commissioning |

| Detailed Tasks Assigned on Consultant's Team of Experts: | Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks |
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| | <p><u>Activities Included:</u></p> <p>Supervising the substation based on:</p> <ul style="list-style-type: none"> • Approved Design • Standards • Contract document • Factory acceptance test • Science and logic • Material handover <p>Test and commissioning</p> |
| | <p>Project/Assignment: Aysha-II, Wind power Project Contract value: USD 257,285,160.00 Location: Ethiopia Client: Ethiopian electric power Year (from-to): 2018-in progress Position: supervisor Narrative Description of Project:</p> <ul style="list-style-type: none"> • Construction of 33/230 kV substation • Construction of 120 MW WTG (Wind turbine generators) each 2.5 MW • Installation of SCADA system and Optical fibers • Environmental and social impact assessment • Wind resource evaluation <p><u>Activities Included:</u></p> <p>Supervising the substation based on:</p> <ul style="list-style-type: none"> • Approved Design • Standards • Contract document • Factory acceptance test • Science and logic • Material handover <p>Test and commissioning</p> |
| | <p>Project/Assignment: Plant design, supply, installation and test and commissioning of lot -2 installation of 230 kV line bay at Combolcha-II and Legetafo substations. Contract value: USD 3,242,190.00 and ETB(Ethiopian birr) 11,484,147.00 Location: Ethiopia Client: Ethiopian electric power Year (from-to): 2017-2018 Position: supervisor Narrative Description of Project:</p> <p><u>Activities Included:</u></p> <p>Supervising the substation based on:</p> <ul style="list-style-type: none"> • Approved Design • Standards • Contract document • Factory acceptance test • Science and logic • Material handover <p>Test and commissioning</p> |

Expert's contact information:

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

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| Haftamu Desta | Haftamu | 29/01/2022 |
| Name of Expert | Signature | Date {day/month/year} |