WHECO CONTROLS

June 22, 2022

City of Saginaw
Attn: Jarred Coursey jcoursey@saginawtx.org

Reference: BID PROPOSAL – Standby Generators for Jarvis EST and Service Center

Dear Jarred,

We appreciate the opportunity to quote this project. Per our meetings and onsite investigations, we propose to provide generators for the above referenced sites as provided and qualified below.

To be furnished:

- Jarvis Elevated Storage Tank $33,722.00
  - 22kW NG 120/208V 3 ph Gen set and ATS, all required conduit, fittings and wire to interface with existing electrical service, electrical license and permit as required, SCADA monitoring interface
  - NOT INCLUDED: provide or installation of propane tank, fuel lines, regulators and concrete pad for generator or propane tank, coordination with power company for disconnect/reconnect if required (must be done by owner)
- Brenda Lane Service Center $66,626.00
  - 80kW NG 120/240V 1 ph Gen set and 2-200amp SE rated ATS, all required conduit, fittings and wire to interface with existing electrical service, electrical license and permit as required
  - NOT INCLUDED: provide or installation of propane tank, fuel lines, regulators and concrete pad for generator or propane tank, coordination with power company for disconnect/reconnect if required (must be done by owner) Removal/cutting and patching of asphalt lot for installation of gen set and associated equipment
  - Power to the building will have to be shut off for a day to make transition and will require coordination with utility company and Saginaw operations.

Technical services shall include the following:

- Installation of WHECO furnished equipment, coordination with Saginaw personnel, initial configuration and testing

Not included in this proposal.

- Any equipment or service not specifically listed above, taxes or bonding cost if applicable.

Alarm/Status monitoring for Brenda Lane can be provided as a part of initial installation. Cost for monitoring would run $1,495.00 per site, plus $28/month on annual prepaid basis. Jarvis site monitoring is included in quote through SCADA.

Generator delivery is quoted at 60-62 weeks after receipt of order. I think we can improve on that once we place order. Terms are 25% with order, balance due upon completion.

Sincerely;

Kent Meyerhoeffer
President

Hub

Cross Electric, LLC
9227 Live Oak Lane
Fort Worth, TX 76179 US
(817)847-7111

CROSS ELECTRIC Since 1980

Estimate 2165

ADDRESS	SHIP TO	DATE	TOTAL	EXPIRATION DATE
City of Saginaw Accounts Receivable 301 S Saginaw Blvd Saginaw, Tx 76179	Public Works Building 60 kw generator	06/06/2022	$120,600.38	07/07/2022

ACTIVITY	AMOUNT

Terms: Payment due on or before the due date. A 10% service charge will be added to all past due invoices and 23% APR after 30 days past due. Thank you for your business.

ACTIVITY	AMOUNT
Commercial Project	120,600.38

Caterpillar Model-C4.4 LCABR D60-4LC Generator Set
Power Setting 60 kW
Voltage 240/120 VAC, 1ø, 60 Hz.
Application Rating Standby
Engine Caterpillar – 4.4L Diesel
Diesel Engine – Tier 3 Certified
Certification – UL2200
Engine Governor Isochronous, Electronic
Cooling System GenSet Mounted 122 F/50 C Ambient
Engine Lube Oil & Antifreeze 50/50 Mix
Engine Coolant Heater
Low Coolant Temperature and Level Alarm Switches
Coolant drain line with valve
Fan and belt guards
Caterpillar Extended Life Coolant
Coolant level sight gauge
Jacket water pump, gear driven, centrifugal
Thermostats and housing
Air Inlet System Air Cleaner
Aftercooler
Turbocharger
Lube System Oil cooler
Lubricating oil
Oil filter and dipstick
Oil filter
Oil drain line with valve piped to edge of base
Fumes disposal piped to front of radiator
Starting System 12 volt DC Electric Cranking Motor
Batteries, Battery Rack, & Cables
Battery Charger - 10amp
Charging System Engine Driven Battery Charging Alternator
Exhaust System Carbon Steel Silencer
Critical Grade
Internally mounted
Stainless Steel Engine Exhaust Flex Connector
Exhaust manifold, dry
Exhaust Rain Cap
Generator/Alternator 4 Pole, Single Bearing
& Attachments PMG Excitation
2/3 pitch, random wound
IP23 Protection
Class H Insulation
80 C temperature rise over 40 C ambient
Cable connections located inside generator
housing(NEMA compatible)
Power center, IP22 rear facing
Automatic Voltage Regulation - 3ø Sensing
Anti-Condensation/Space Heater
Voltage Regulation Integrated Voltage Regulation System (IVR)
Electronically controlled by the EMCP 4 through
the use of an excitation module.
Main Line Breaker Circuit Breaker
GenSet Mtd.-
250 Amp
100% Rated w/ Shunt Trip & Auxiliary Contact
3 Pole
Cable Lugs, Cable Access Box ABB tafer Series
Suitable for Use as Service Disconnect Label
Control Panel Electronic Modular Control Panel – 4.2B
Genset Mounted & Vibration Isolated

ACTIVITY	AMOUNT
NOTE	0.00
Price does not include sales tax- please provide sales and use tax exemption certificate.	

TOTAL	$120,600.38

THANK YOU.

Accepted By

Accepted Date

Terms: Payment due on or before the due date. A 10% service charge will be added to all past due invoices and 23% APR after 30 days past due. Thank you for your business.

www.crosselectricllc.com service@crosselectricllc.com TECL 26929

Cross Electric, LLC
9227 Live Oak Lane
Fort Worth, TX 76179 US
(817)847-7111

Estimate 2166

ADDRESS	SHIP TO	DATE	TOTAL	EXPIRATION DATE
City of Saginaw Accounts Receivable 301 S Saginaw Blvd Saginaw, Tx 76179	Public Works 20 kw generator	06/06/2022	$93,263.45	07/07/2022

ACTIVITY	AMOUNT

Terms: Payment due on or before the due date. A 10% service charge will be added to all past due invoices and 23% APR after 30 days past due. Thank you for your business.

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ACTIVITY	AMOUNT
Commercial Project	93,263.45

Caterpillar Model-C2.2 PGABR Generator Set
Power Setting 20 kW
Voltage 208/120 VAC, 3Ø, 60 Hz.
Application Rating Standby
Engine Caterpillar – 2.2L Diesel
Diesel Engine – Tier 4 Interim
Certification – UL2200
Engine Governor Isochronous, Mechanical
Cooling System GenSet Mounted
Engine Lube Oil & Antifreeze 50/50 Mix
Engine Coolant Heater
Low Coolant Temperature and Level Alarm Switches
Coolant drain line with valve
Fan and belt guards
Caterpillar Extended Life Coolant
Coolant level sight gauge
Jacket water pump, gear driven, centrifugal
Thermostats and housing
Air Inlet System Air Cleaner
Naturally Aspirated
Lube System Oil cooler
Lubricating oil
Oil filler and dipstick
Oil filter
Oil drain line with valve piped to edge of base
Fumes disposal piped to front of radiator
Starting System 12 volt DC Electric Cranking Motor
Batteries, Battery Rack, & Cables
Battery Charger - 10amp
Charging System Engine Driven Battery Charging Alternator
Exhaust System Carbon Steel Silencer
Critical Grade
Internally mounted
Stainless Steel Engine Exhaust Flex Connector
Exhaust manifold, dry
Exhaust Rain Cap
Generator/Alternator 4 Pole, Single Bearing
& Attachments PMG Excitation
2/3 pitch, random wound
IP23 Protection
Class H insulation
105 C temperature rise over 40 C ambient
Cable connections located inside generator
housing(NEMA compatible)
Power center, IP22 rear facing
Automatic Voltage Regulation - 3Ø Sensing
Anti-Condensation/Space Heater
Main Line Breaker Circuit Breaker
GenSet Mtd.-
100 Amp
100% Rated w/ Shunt Trip & Auxiliary Contact
3 Pole
LSI Electronic Trip Unit
Cable Lugs, Cable Access Box – Bottom Entry
Suitable for Use as Service Disconnect Label
Control Panel GC Control Panel GACCP1.2
Genset Mounted & Vibration Isolated
4-line back-lit LCD text display
Multiple display languages
Five-key menu navigation

ACTIVITY	AMOUNT
NOTE Price does not include sales tax- please provide sales and use tax exemption certificate.	0.00

TOTAL $93,263.45

THANK YOU.

Accepted By

Accepted Date

Terms: Payment due on or before the due date. A 10% service charge will be added to all past due invoices and 23% APR after 30 days past due. Thank you for your business.

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TUTOR ELECTRICAL SERVICE, INC.
201 Willow Creek Ct.
Mansfield, TX 76063
Phone: (817) 516-0064
Fax: (817) 516-0086
www.tutorelectric.com
TECL #17144

Electrical Bid Proposal

Date: June 2, 2022
To: Corey Smith
City of Saginaw

Re: Electrical Pricing

Subject: Public Works Office Building Generator
Proposal # 22-1216

Dear Corey Smith

Tutor Electrical Service, Inc. submits the following electrical proposal for facility located in Saginaw, TX. Our proposal is limited to the details of the scope of work specifically contained in the list of clarifications, additions, and considerations that follow.

I. **Scope of Work Additions, Exclusions, and Clarifications**

1. Furnish and install a 80KW Kohler Diesel Powered Generator with a 400A Main breaker 3PH 120/208V.
2. Furnish and install a new 400A Service Entrance rated ATS per NEC Code.
3. Install conduit and wire for 400A from the new generator to the new ATS.
4. Furnish and install conduit and wire for 400A from the existing meter base to the new ATS.
5. Furnish and install conduit and wire for 200A from the new ATS to the existing panel 1.
6. Furnish and install conduit and wire for 200A from the new ATS to the existing panel 2.
7. **There will need to be a 6-8 hour shutdown of power to demo the existing panel feeder from the meter base and tie into the new panel feeder from the ATS.**
8. Install a new concrete pad for the generator to sit on. There is a deduct listed below for Saginaw to pour their own concrete pad.
9. Fill 215 gallons of diesel for the 1st tank for startup and testing.
10. City Fire Chief will have to be onsite for a tank test prior to filling the tank with diesel.
11. Startup and testing to be performed by Loftin Equipment.
12. The City of Saginaw will have to set up annual maintenance and testing with Loftin Equipment Chad Wallace.
13. **Generator has a 46-48 week lead time.**
14. **ATS has a 24-26 week lead time.**
15. **Generator pricing is only valid for 15 days.**
16. **50% down payment is required up front for all new generator installs.**

TUTOR ELECTRICAL SERVICE, INC.
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TECL #17144

II. **Non-Scope Related Considerations**

1. Our State of Texas Electrical Contractor's License is #17144.
2. Unless specifically noted in the scope, we have excluded all plan checks, permits, inspections, utility company and/or other fees that may be required by the Authority/Authorities Having Jurisdiction (AHJ) or utilities over this project.
3. This proposal, and the pricing contained herein, is based upon all work being performed during normal working hours, between the hours of 7:00 a.m. and 3:30 p.m. Mon-Fri, company holidays excluded.
4. We have excluded all concrete work including cutting, removal, patching, pour back, coring and testing.
5. We have excluded all roofing work including penetrations, roof jacks, and sealing thereof unless specifically stated in scope of work.
6. We have excluded all excavation, backfill, compaction, boring, and testing thereof unless specifically stated in the scope of work.
7. We have excluded repair of damages to any unmarked underground utilities, sprinkler systems, etc.
8. We have excluded replacement of any damaged landscaping materials including trees, shrubs, plants, and grass.
9. All materials and wiring methods to be, in accordance with the current edition of the National Electrical Code, by choice of Tutor Electric Service unless included in project documents referenced as attachment to this proposal or specifically stated in the scope of work.
10. All labor and workmanship to be warrantied for lifetime. Material warranties limited to the extent of the manufacturer's warranty. Lamps and labor/ equipment required for replacement thereof will not be warrantied.
11. Repair or correction of any unknown pre-existing unsafe wiring or code violations not specifically stated in the scope of work will be performed in addition to the pricing in this proposal. Denial of acceptance of work or repair requested by the Authority Having Jurisdiction do to any pre-existing conditions beyond the stated scope of work does not release customer of payment obligations for additional work required and performed.
12. Payment in full will be required upon completion and acceptance of this installation. Projects extending in excess of one month in length will be invoiced on a monthly basis based on percentage of materials and work installed or stored on site.
13. Pricing is based on our standard liability, comprehensive, and workers comp insurance coverages. A certificate of coverages will be provided upon request. Any additional coverage required will be considered as a change order in addition to the pricing in this proposal.
14. Any on site customer specific safety training, orientation, testing, or pre-qualification will be in additions to the pricing on this proposal unless specifically stated in the scope of work.
15. This proposal will remain valid for a period of 30 days from the above date, after which date it is deemed withdrawn unless renewed or reconfirmed in writing by Tutor Electrical Service, Inc.
16. **INDEMNITY:** Each party to this agreement shall indemnify, defend, protect, hold harmless, and release the other, its officers, agents, and employees, from and against any and all claims, loss, proceedings, damages, causes of action, liability, costs, or expense, including attorneys' fees arising from, or in connection with, or caused by, any act, failure to act, or negligence of such indemnifying party, to the extent limited in accordance with the laws of the state of Texas. This indemnification shall not be limited in any way, by any limitation on the amount or type of damages or compensation payable to, or for, the indemnifying party under workers' compensation, disability benefits, or other employee benefit acts.

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III. **Pricing # 22-1216**

1. Base price for above scope of work: **$93,000.00**
   Concrete Pad Deduct: -$3,500.00

Applicable Sales Taxes are not included in this pricing. Sales taxes for the area point of sale will be in addition to the above listed pricing. If not paying tax please provide resale or exempt certificate.

Thank you for the opportunity to provide you our services.
If you have questions, please do not hesitate to contact me.

Respectfully,
Jason Werry
Jason Werry
Special Projects Manager
O- 817-516-0064
M- 817-919-8774
F- 817-516-0086
Email- Jason.werry@tutorelectric.com

Client:	Contractor:
City of Saginaw	Tutor Electrical Service, Inc.
Accepted by:_____	_____
Title:_____	_____
Date:_____	_____

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TECL #17144

Electrical Bid Proposal

Date: June 2, 2022
To: Corey Smith
City of Saginaw

Re: Electrical Pricing

Subject: Jarvis Water Tower Generator
Proposal # 22-1217

Dear Corey Smith

Tutor Electrical Service, Inc. submits the following electrical proposal for facility located in Saginaw, TX. Our proposal is limited to the details of the scope of work specifically contained in the list of clarifications, additions, and considerations that follow.

I. Scope of Work Additions, Exclusions, and Clarifications

1. Furnish and install a 60KW Kohler Diesel Powered Generator with a 225A Main breaker 3PH 120/208V.
2. Furnish and install a new 250A Service Entrance rated ATS per NEC Code.
3. Install condult and wire for 225A from the new generator to the new ATS.
4. Furnish and install conduit and wire for 225A from the existing meter base to the new ATS.
5. Furnish and install conduit and wire for 225A from the new ATS to the existing panel.
6. **There will need to be a 4-6 hour shutdown of power to demo the existing panel feeder from the meter base and tie into the new panel feeder from the ATS.**
7. Install a new concrete pad for the generator to sit on. There is a deduct listed below for Saginaw to pour their own concrete pad.
8. Fill 142 gallons of diesel for the 1st tank for startup and testing.
9. City Fire Chief will have to be onsite for a tank test prior to filling the tank with diesel.
10. Startup and testing to be performed by Loftin Equipment.
11. The City of Saginaw will have to set up annual maintenance and testing with Loftin Equipment Chad Wallace.
12. **Generator has a 46-48 week lead time.**
13. **ATS has a 24-26 week lead time.**
14. **Generator pricing is only valid for 15 days.**
15. **50% down payment is required up front for all new generator installs.**

II. Non-Scope Related Considerations

TUTOR ELECTRICAL SERVICE, INC.

201 Willow Creek Ct.
Mansfield, TX 76063
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TECL #17144

1. Our State of Texas Electrical Contractor's License is #17144.
2. Unless specifically noted in the scope, we have excluded all plan checks, permits, inspections, utility company and/or other fees that may be required by the Authority/Authorities Having Jurisdiction (AHJ) or utilities over this project.
3. This proposal, and the pricing contained herein, is based upon all work being performed during normal working hours, between the hours of 7:00 a.m. and 3:30 p.m. Mon-Fri, company holidays excluded.
4. We have excluded all concrete work including cutting, removal, patching, pour back, coring and testing.
5. We have excluded all roofing work including penetrations, roof jacks, and sealing thereof unless specifically stated in scope of work.
6. We have excluded all excavation, backfill, compaction, boring, and testing thereof unless specifically stated in the scope of work.
7. We have excluded repair of damages to any unmarked underground utilities, sprinkler systems, etc.
8. We have excluded replacement of any damaged landscaping materials including trees, shrubs, plants, and grass.
9. All materials and wiring methods to be, in accordance with the current edition of the National Electrical Code, by choice of Tutor Electric Service unless included in project documents referenced as attachment to this proposal or specifically stated in the scope of work.
10. All labor and workmanship to be warrantied for lifetime. Material warranties limited to the extent of the manufacturer's warranty. Lamps and labor/ equipment required for replacement thereof will not be warrantied.
11. Repair or correction of any unknown pre-existing unsafe wiring or code violations not specifically stated in the scope of work will be performed in addition to the pricing in this proposal. Denial of acceptance of work or repair requested by the Authority Having Jurisdiction do to any pre-existing conditions beyond the stated scope of work does not release customer of payment obligations for additional work required and performed.
12. Payment in full will be required upon completion and acceptance of this installation. Projects extending in excess of one month in length will be invoiced on a monthly basis based on percentage of materials and work installed or stored on site.
13. Pricing is based on our standard liability, comprehensive, and workers comp insurance coverages. A certificate of coverages will be provided upon request. Any additional coverage required will be considered as a change order in addition to the pricing in this proposal.
14. Any on site customer specific safety training, orientation, testing, or pre-qualification will be in additions to the pricing on this proposal unless specifically stated in the scope of work.
15. This proposal will remain valid for a period of 30 days from the above date, after which date it is deemed withdrawn unless renewed or reconfirmed in writing by Tutor Electrical Service, Inc.
16. **INDEMNITY:** Each party to this agreement shall indemnify, defend, protect, hold harmless, and release the other, its officers, agents, and employees, from and against any and all claims, loss, proceedings, damages, causes of action, liability, costs, or expense, including attorneys' fees arising from, or in connection with, or caused by, any act, failure to act, or negligence of such indemnifying party, to the extent limited in accordance with the laws of the state of Texas. This indemnification shall not be limited in any way, by any limitation on the amount or type of damages or compensation payable to, or for, the indemnifying party under workers' compensation, disability benefits, or other employee benefit acts.

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TECL #17144

III. **Pricing # 22-1217**

1. Base price for above scope of work: **$87,000.00**
   Concrete Pad Deduct: -$3,500.00

Applicable Sales Taxes are not included in this pricing. Sales taxes for the area point of sale will be in addition to the above listed pricing. If not paying tax please provide resale or exempt certificate.

Thank you for the opportunity to provide you our services.
If you have questions, please do not hesitate to contact me.

Respectfully,
Jason Werry
Jason Werry
Special Projects Manager
O- 817-516-0064
M- 817-919-8774
F- 817-516-0086
Email- Jason.werry@tutorelectric.com

Client:

City of Saginaw

Accepted by:_____

Title:_____

Date:_____

Contractor:

Tutor Electrical Service, Inc.

_____

_____

_____