



2021 ANNUAL CONTRACT

TENDER DOCUMENT

FOR

**Distribution Vegetation Management
(Line/Pole Heel Clearing)**

Prepared by:
Belize Electricity Limited
Distribution Operations Department
2½ Miles Philip Goldson Highway
Belize City, Belize

December 2020

Bidders will be required to submit a fixed price quotation, via bid schedule located on page 11 of this document, to perform the services and provide all equipment and materials. Tenders must be submitted via email to bidsubmittal@bel.com.bz labeled as below:

BID #2020-221 – Distribution Vegetation Management

Subject of email: **BID #2020-221 – Distribution Vegetation Management**

Deadline: **Wednesday, December 16, 2020**

TERMS OF BIDDING AND EVALUATION CRITERIA

GENERAL

Bid Number	Type of work	Service Areas
2020-221 BC	Vegetation Management – Line/Pole Heel Clearing	Belize City
2020-221 LV	Vegetation Management – Line/Pole Heel Clearing	Ladyville
2020-221 SP	Vegetation Management – Line/Pole Heel Clearing	San Pedro (including Caye Caulker)
2020-221 CZ	Vegetation Management – Line/Pole Heel Clearing	Corozal
2020-221 OW	Vegetation Management – Line/Pole Heel Clearing	Orange walk
2020-221 BP	Vegetation Management – Line/Pole Heel Clearing	Belmopan
2020-221 SI	Vegetation Management – Line/Pole Heel Clearing	San Ignacio
2020-221 DG	Vegetation Management – Line/Pole Heel Clearing	Dangriga
2020-221 IN	Vegetation Management – Line/Pole Heel Clearing	Independence (including Placencia)
2020-221 PG	Vegetation Management – Line/Pole Heel Clearing	Punta Gorda

1. Scope of Bid:

This Distribution Vegetation Management tender document will have contractors (bidders) specify a firm and fixed unit price for the completion of Vegetation works. The expected list of duties to be perform is in the “Standard Contractor - Schedule of Price” below. The company designed the **Distribution Vegetation Management** contract to address the vegetation needs of each Service Area (formally known as Load Centers). The scope of work are generated by a combination of an annual vegetation survey and Customer request receive throughout the years **two thousand twenty-one to two thousand twenty-three (2021 – 2023)**. A historic data sheet is affix in the tender package with the scope of works executed for each service center from 2016 to 2020, this data should provide each bidder with sufficient information for their price setting regiment. The annual scope of work will be establish with consideration of the bid winner’s unit prices provided for each item and the budget which BEL has allocated per Service area. The works described by the “Standard Contractor - Schedule of Price” is not exclusive to the bid winner for the service area. BEL can utilize any other contractor to complete the same nature of works within the Service Area by means of the other company policies and procedures. All bidders **MUST** provide a unit price (without GST) for each item identified under the “Standard Contractor - Schedule of Price”. Each Bidder **MUST** indicate whether they pay GST and indicate whether they can complete each task on the price list. Clearly identify the Service Area you are interested in working for on the “Standard Contractor - Schedule of Price” form. A contractor is allowed to bid

for multiple service areas if he/she so choose, you must submit one (1) form with the associated prices per Service Area. Each bidder should consider the servicing of the entire geographic layout of the distribution network for each service area when structuring his or her unit price. The Company's Service Area are Corozal Service Area, Orange walk Service Area, San Pedro Service Area (including Caye Caulker), Belize City Service Area , Ladyville Service Area , Belmopan Service Area , San Ignacio Service Area, Dangriga Service Area, Independence Service Area (including Placencia), and Punta Gorda Service Area.

1.1 **Intent of Tender**

The intent of this tender is to provide prospective bidders with sufficient information to prepare a bid. Following the receipt of the bid, Belize Electricity Limited (BEL) will evaluate and select the successful submission.

This Vegetation management tender does not contain an exhaustive list of the work to be performed. Bidders are, as a minimum, to submit proposals that include the noted work. Each proposal will be evaluated on its own merit. The lowest or any tender may not necessarily be accepted. BEL intends, if it accepts any tender at all, to base its decisions on criteria which BEL considers to be in its best interest. BEL is the sole judge of what is in its best interest. Any tender may be withdrawn at any time before acceptance at the option of the bidder.

1.2 **Contract**

BEL requires a signed contract between the Company and the successful bidder. Any tender may be withdrawn at any time before acceptance at the option of the bidder. After the contract is signed, it is mandatory that the contractor honor the contract within the specified time frame. Failure to comply may result in the job being passed over to another contractor.

2. **Proposal Submission and Inquiries**

2.1 Submission referring to the Contractor selection Distribution Vegetation Management 2021 – 2023 will be received from invited bidders by email only on or before **4:00 p.m. on Wednesday, December 16, 2020 (Private Opening)**

To submit your bid, please return the last page of this document as an attachment to:

Email: bidsubmittal@bel.com.bz

Subject of email: **BID # 2020-221 Distribution Vegetation Management**

Label your bid on the “schedule of prices” using the bid label provided on page 1 of this document.

2.2 Inquires related to this tender shall be submitted via e-mail to bidsubmittal@bel.com.bz or contact Ashton Webster at 501-610-0406.

3. Scope of Service

3.1 Minimum Scope of Work:

- A. The contractors should be able to provide the man power to do works within the given time and in a safe manner.
- B. The contractor should be willing to do all corrective works after inspections have been completed
- C. All clearing shall be done in accordance with specifications as shown on the attached drawing. Only the areas specified in the scope of works for each job shall be cleared. Supervisors will designate all danger trees which shall be removed.
- D. Unless specified, all timber to be cleared shall be felled. The removal of Brush shall be in the manner so as to reduce the overall impact on the structure of the ground cover.
- E. Tree stumps should not be cut higher than four inches from the ground.
- F. All debris to be disposed are to be done only at approved landfill site. The cost to Tree Cut & Debris Removal is applicable to Cities and towns that those not allow the disposal of debris within the municipality i.e. Belize City and the City of Belmopan.
- G. The removal of Vegetation (to the Ground) from the base of the Distribution Structure is to be done manually with a Machete. Pole Heels and Anchors are to be cleared to a radius of 6 feet. The project should delivered "Broom Clean".

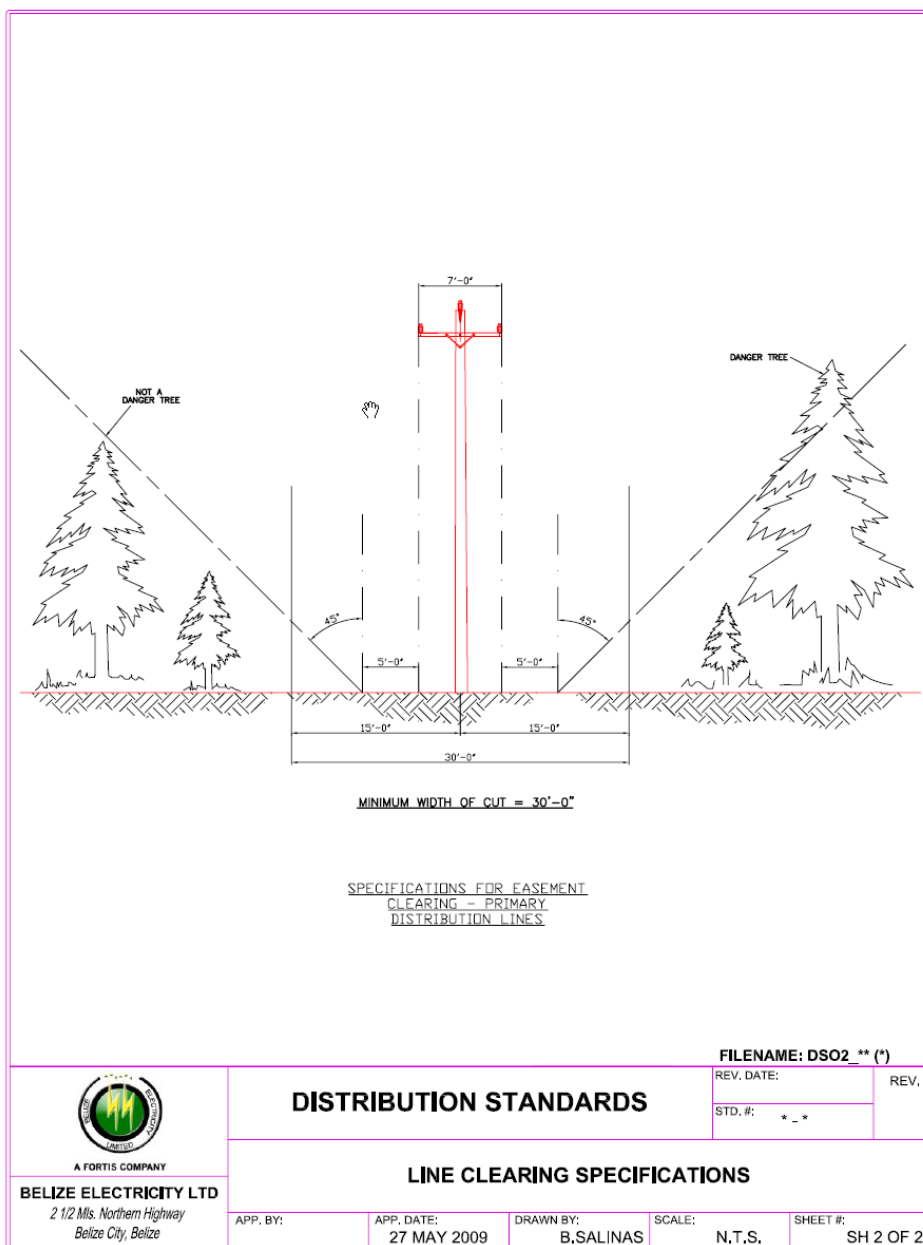
3.2 Owner's/Contractor's Provisions

- H. Contractors are to supply all services and equipment for the duration of the entire Contract.
- I. BEL representatives will be available all times to oversee the said works and address any questions and/or concerns during operations.
- J. The Contractor must put all safety measures in place to avoid any injury to personnel's or damages to property and the environment. Damage to private property as a result of vegetation management works shall be the responsibility of the contractor.
- K. The Contractor should ensure his employees are using their Personal Protective Equipment (hardhat, working gloves, goggles and proper footwear) whenever engage in works.
- L. The Contractor is responsible to pay for the following insurances for the duration of the contract:
 - i. **General Liability Insurance**
 - ii. **Automobile and Third Party Insurance**
 - iii. **Employees Insurance**
- M. Once working along the roadway, the contractor should ensure that traffic control is put in place by means of cones, signs and flag persons when necessary.

- N. Land owners affected by the vegetation management program shall be notified by a BEL representative or designate prior to the clearing of Pole Heels, Anchor clearing, cutting of trees or Line Clearing within the right-of-way (an easement constitutes a 15ft width of land along both sides of the center of the Distribution Lines as specified in the Right of Way).
- O. A tailboard conference must be done each day before any works get started. A BEL personnel will coach the contract to complete the tailboard at the start line clearing project.
- P. All communications will be carried out by the Company representative on site.

3.3 Line Clearing Specifications

The table below lists the description of works for prospective jobs (Per unit cost) for the respective Service Areas in BEL.



3.4 Specifications for Easement Clearing for Rural Distribution Lines

A. GENERAL REQUIREMENTS

1. In clearing the easement, every precaution shall be taken by the contractor to protect life, property, and the environment.
2. Only such vegetation shall be removed as is necessary to permit proper operation and maintenance of distribution lines. Only areas identified by the engineer shall be felled. All clearing is to be done in accordance with specifications as shown on the attached drawing.

B. CLEARING METHODS AND EQUIPMENT

1. Unless otherwise specified, all timber to be cleared shall be felled. The removal of "brush" shall be in a manner so as to reduce the overall impact on the root structure of the ground cover.
2. Engineer will designate all danger trees which shall be removed or topped at option of contractor.
3. Landowners shall be notified prior to the cutting of trees within the right-of-way. (the easement constitutes a 15 feet wide strip of land along both sides of the distribution line).
4. Tree stumps greater than 6 inches at the base shall be cut to a height of not more than 8 inches from the ground level. All other brush shall be cleared to the ground. If required, stumps shall be removed.
5. Damage to private property as a result of line clearing shall be the responsibility of the contractor.
6. Equipment shall be in good condition and appropriate for the types of clearing specified.
7. Foreseen hazardous circumstances that may result while clearing under live lines must be urgently communicated to the employer.
8. Branches shall be removed from leaning trees until it is manageable. The tree should be sustained with ropes and hauled in the direction of fell.
9. Vegetation protected by the forestry department or environmental laws must not be cut until a permit has been obtained from the forestry department and/or the department of environment (where applicable).
10. Vegetation removed from the right-of-ways should not obstruct waterways.
11. Disposal of debris is the responsibility of the contractor. Debris should not be left on the street or in private property.
12. Burning of debris is strictly prohibited.

4. Historic Date

Belize City Admin. Center	2020-221 BC	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	0	14	5	0	12
	Tree Cuts	0	644	129	0	444
	Acres	0	30.73	11.35	0	0
	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	5138	5163	0	0	0
	Anchor Clearing		216	0	0	0

Ladyville Admin. Center	2020-221 LV	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	0	0	15	7	39
	Tree Cuts	0	0	35	328	499
	Acres	0	0	90.58	151.51	183.86
	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	13	0
Pole Heel Clearing						
	Pole heel Clearing	0	0	5691	0	4877
	Anchor Clearing	0	0	515	0	1635

San Pedro Admin. Center	2020-221 SP	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	0	13	7	0	183
	Tree Cuts	0	45	35	0	37
	Acres	0	93.75	49.17	0	57.29
	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	788	788	788	0	0
	Anchor Clearing	0	270	270	0	0

Corozal Admin. Center	2020-221 CZ	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	0	77	34	205	205
	Tree Cuts	0	34	19	66	66
	Acres	0	191.8	245.6	248.5	191.6

	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	3687	3636	3725	3725	3725
	Anchor Clearing	142	176	254	254	254

Orange Walk Admin. Center	2020-221 OW	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	0	0	0	0	0
	Tree Cuts	0	0	46	190	440
	Acres	300	300	304	305.21	305.21
	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	4158	4158	6350	6350	6710
	Anchor Clearing	0	0	976	976	976

Belmopan Admin. Center	2020-221 BP	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	0	0	0	0	0
	Tree Cuts	0	1423	0	865	1001
	Acres	0	314.5	0	43.16	201.5
	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	3604	3770	4233	1311	1205
	Anchor Clearing	0	362	466	515	995

San Ignacio Admin. Center	2020-221 SI	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	0	0	0	0	139
	Tree Cuts	2855	1311	0	986.25	1034
	Acres	117.48	90.529	0	70.91	41.2
	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	0	1586	1901	1901	1977
	Anchor Clearing	0	145	217	217	304

Dangriga Admin. Center	2020-221 DG	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	264	582	575	848	327
	Tree Cuts	181	74	74	78	32
	Acres	239.15	243.8	243.8	243.8	136.7
	Excavator - tree removal	0	0	0	28	28
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	2291	2680	3334	7610	2880
	Anchor Clearing	390	459			626

Independence Admin. Center	2020-221 IN	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	325	456	647	620	669
	Tree Cuts	316	65	145	254	501
	Acres	6.52	271.7	320.6	320.2	412.7
	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	2731	2916	3358	3382	3555
	Anchor Clearing	838	848	1017	1035	1063

Punta Gorda Admin. Center	2020-221 PG	2016	2017	2018	2019	2020
Line Clearing						
	Tree Trims	31	71	79	79	79
	Tree Cuts	218	302	561	571	571
	Acres	213.5	295.2	278	293.06	293.06
	Excavator - tree removal	0	0	0	0	0
	excavation per Acre	0	0	0	0	0
Pole Heel Clearing						
	Pole heel Clearing	1909	2851	2427	2579	2579
	Anchor Clearing	535	1122	834	1002	4002

4.1. Schedule of Prices

The table below lists is per unit. Please include all cost in your unit cost

Contractor (print name)	
Company's Name (if applicable)	
Permanent business address	
Bid Number (Service area)	

Description of works	Unit	Price / Unit	Total cost / unit which includes any additional charges
Line Clearing - Trained Vegetation per Acre	1		
Line Clearing - Virgin Vegetation per Acre	1		
Tree Cut - Small Tree	1		
Tree Cut - Medium Tree	1		
Tree Cut - Large Tree	1		
Tree Cut - Extra Large Tree	1		
Tree Trim	1		
Tree Trim & Removal of Debris	1		
Tree Cut - Small Tree & Debris Removal	1		
Tree Cut - Medium Tree & Debris Removal	1		
Tree Cut - Large Tree & Debris Removal	1		
Tree Cut - Extra Large Tree & Debris Removal	1		
Pole Heel Clearing	1		
Anchor Clearing	1		
Pole heel Spraying	1		
Anchor spraying	1		

Sub-total		
GST if your company is registered		
Total Price		

Please verify all prices before submitting

5. Additional Information

The attachment shows the specification for Easement Clearing for Distribution Lines. Kindly note that the axis may be displaced up to a maximum of 30'-0" towards the bushes, in the event that vegetation grows only on one side of the power lines.

All contractors should commence work within 5 days of notification, and complete the works within the time stipulated in the contract.

I _____ of _____, _____ hereby declare that I am
(Name of Contractor)(Print) (Address) (City/Town/Village)

sound mind and have carefully read all the above information. I have subjected myself to the terms of agreement.

(Signature of Contractor)

(Date)