



2802 S. Bus. Hwy 281
Edinburg, Texas 78539
Phone: (956) 318-2626
www.co.hidalgo.tx.us/purchasing

MEMORANDUM

(Approval of Specifications)

To: Eduardo Guerra, Hidalgo County Sheriff
Sheriff's Department *Friedlein*

Attn: Joshua Kaltenbach, David *Friedlein*, Roy Quintanilha Steve Caro

From: Jaime Javier Rivas, Contract Specialist I
Hidalgo County Purchasing Department

Date: June 26, 2020

Subject: Approval or Disapproval of Specifications for: Project No: 2020-220 "LEASE OF TOWER WESLACO."

Please review the following SPECIFICATIONS and indicate if they meet all your requirements by selecting APPROVE, (or) APPROVED WITH MODIFICATIONS and signing below. If your answer is DISAPPROVE, please make any modifications necessary to the specifications and return the revised copy to the designated Buyer in the Purchasing Department. If you have any questions, please call me at (956) 318-2626 ext. #4875.

APPROVE <input checked="" type="checkbox"/>	DISAPPROVE <input type="checkbox"/>
APPROVED WITH MODIFICATIONS <input type="checkbox"/>	

FUNDS AVAILABILITY: YES / NO / Other _____

(Specify Reason) _____

BUDGET ACCOUNT #: 0-1100-421-00-280-083-0-441

 AUTHORIZED SIGNATURE	David D. Friedlein II PRINTED NAME	HCSO DEPARTMENT	7/30/20 DATE
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SUBMIT THIS FORM TO THE HIDALGO COUNTY PURCHASING DEPARTMENT, Attn: Jaime Rivas VIA E-MAIL: jaime.rivas@co.hidalgo.tx.us, by no later than Wednesday, July 29, 2020 @ 4:00 P.M., to possibly place on the next CC meeting.

Enclosures

EXHIBIT "A"
Specifications/Requirements
Hidalgo County Sheriff's Office
"LEASE OF TOWER SPACE-WESLACO, TX"
BID No. 2020-220-XX-XX-JJR

Hidalgo County is seeking to Lease Tower Space for the Hidalgo County Division of Emergency Services (Department of Emergency Management). Specifications are as, but not limited to the following:

Specifications & Requirements, Terms & Conditions

- 1) All costs and expenses associated with the preparation and submission of (bid, proposals and / or quotes) shall be responsibility of the bidder and no reimbursements for such charges or expenses shall be passed on to HIDALGO COUNTY.
- 2) Tower site shall be an existing site or a new site, with construction to be completed and ready for installations of equipment, meeting all city, county, state, and federal standards by the 1st day of May, 2009. Tower site must be geographically located within 2 miles of the following:

Name	Latitude	Longitude
Weslaco	26-07-42.2 N	098-00-45.0 W

- 3) Height of tower shall be as follows:

Name	Minimum Required Height in feet
Weslaco	480

- 4) Tower site lease provider must provide an equipment shelter at or near the base of the tower to house the communication system and peripherals. Equipment shelter shall be of concrete block or other construction capable of withstanding sustained hurricane force winds.
- 5) Tower site lease provider shall be required to provide electricity for the Hidalgo County equipment listed below.
- 6) Tower site lease provider shall be required to provide air conditioning for the Hidalgo County equipment listed below.
- 7) Tower site lease provider shall be required to provide back-up generator power at not less than 20 kilowatt 220 – 240 volt capacity and not less than a 500 gallon LP gas storage capacity for the Hidalgo County equipment listed below.
- 8) Tower must be approved by and meet or exceed current standards and guideline of the F.A.A.
- 9) Tower must be registered with and meet or exceed standards and current guidelines of the F.C.C.

Tower site lease provider shall attach a copy of each F.C.C. Antenna Site Registration.

- 10) Tower site lease provider will be responsible for all fines and penalties assessed by the F.A.A. or F.C.C. for the tower and tower related equipment as it relates to the tower site.
- 11) Tower site lease provider must, throughout the term of the lease, maintain the property and keep it free of waste and nuisance.
- 12) Tower site lease provider must, throughout the term of the lease, at his own expense, maintain the air conditioning systems, the roof, the foundation, the structural soundness of the exterior walls, the electrical wiring, road access or paving, the doors, the guy wires, the tower structure, the tower warning lights or beacons and/or painting, backup generator, LP storage tank and all other components of the property.
- 13) Tower site lease provider will maintain all records and make all reports required by the Federal Aviation Administration with respect to maintenance and operation of tower warning light or beacons.
- 14) Tower site lease provider agrees that Hidalgo County employees and contracted agents of Hidalgo County shall have at all times rights of ingress and egress to the property for the purpose of installing, maintaining and repairing Hidalgo County's equipment subject to the tower site lease providers approval/disapproval.
- 15) Tower site lease provider agrees not to lease or license the use of the property, or any portion thereof, to any party which will interfere with Hidalgo County's use of the property.
- 16) Tower site lease provider represents that it has no knowledge of any substance, chemical or waste (collectively, "substance") on the Site that is identified as hazardous, toxic or dangerous in any applicable federal state or local law or regulation.
- 17) Tower site lease provider must provide microwave connectivity at the minimum bandwidth rate of six (6) mbps to network with all other tower sites in the LRGVDC Project 25 800 MHz Voice and Data Radio Communications System.
- 18) **Tower site lease provider agrees to insure the property, at its sole cost and expense, against loss by fire, or other casualty, including extended coverage, with a policy or policies acceptable to Hidalgo County. The coverages under such policy or policies shall provide for coverage in an amount reasonably required by Hidalgo County to provide for the replacement or repair of the improvements located on the property, or such portion thereof as may be damaged by a covered loss, but in no event less than the required by any party holding a security interest in or lien on the property.**
- 19) **Tower site lease provider agrees to hold Hidalgo County harmless from any and all claims, actions, proceedings, damages and liabilities arising from the use, condition and operation of the property, and to carry liability insurance insuring, at the sole cost and expense of Tower site lease provider, both Tower site lease provider and Hidalgo County against such loss and liability, in such amounts as Hidalgo County may reasonably require. In the event Tower site**

lease provider should neglect to provide any insurance coverage required under this paragraph, Hidalgo County shall have the right, but not the obligation, to purchase such coverage to protect Hidalgo County's interests, with any reasonable cost therefore to be payable by the Tower site lease provider.

- 20) **HIDALGO COUNTY reserves the right to reject any or all bids submitted, if it is in the best interest to do so.**
- 21) **Vendor must have a bid amount for ALL terms.**
- 22) **Tower rent MUST include cost of electricity, air conditioning BTU/electricity cost, building space cost, microwave connectivity cost, and tower space height cost.**
- 23) **Any contract awarded to a successful bidder will be in effect until;**
 - a) **The contract expires**
 - b) **Delivery acceptance of products and/or performance of services ordered, or**
 - c) **Terminated by County with thirty (30) days written notice prior to be cancellation.**
- 24) **The awarded bidder shall adhere to the following insurance requirements: Property insurance shall provide that any proceeds for loss or damage to building or to improvements shall be payable solely to Lessor, which sum shall be used by Lessor for repair and restoration purposes. Certificates of insurance shall be submitted to Hidalgo County for approval prior to rental services being performed by Lessor hereunder. Bidder shall maintain liability insurance on the building as described and listed in: Insurance Requirements: See exhibit "C" attached. Plus also insure building for fire, accident and natural disaster; the award of the bid will be evidenced by a written lease agreement in a form acceptable to Hidalgo County.**

Term:

The term of the lease contract will be for a period of one (1) year. Hidalgo County may in its sole discretion elect the option to extend the contract for nine (9) additional one (1) year terms.

Hidalgo County reserves the right to continue this bid for an additional sixty (60) days grace period at the end of the contract term due to any unforeseen delay in the procurement process.

Premises:

Shelter must be able to provide a minimum of forty two (42) square feet of equipment space inside with an estimated three (3) foot walkway available in front and back of each equipment rack row.

Installed Equipment

Division of Emergency Services will provide and cause to be installed the following equipment at the approved site:

Site – Weslaco, TX

800 MHz Radio Communications System

Master Antenna System

- One transmit antenna shall be located at 480 feet.
- One receive antenna shall be located at 430 feet.
- One tower top preamp located at 430 feet.
- One three foot microwave dish located at 250 feet.

Uninterruptible Power Supply system

Site Equipment List

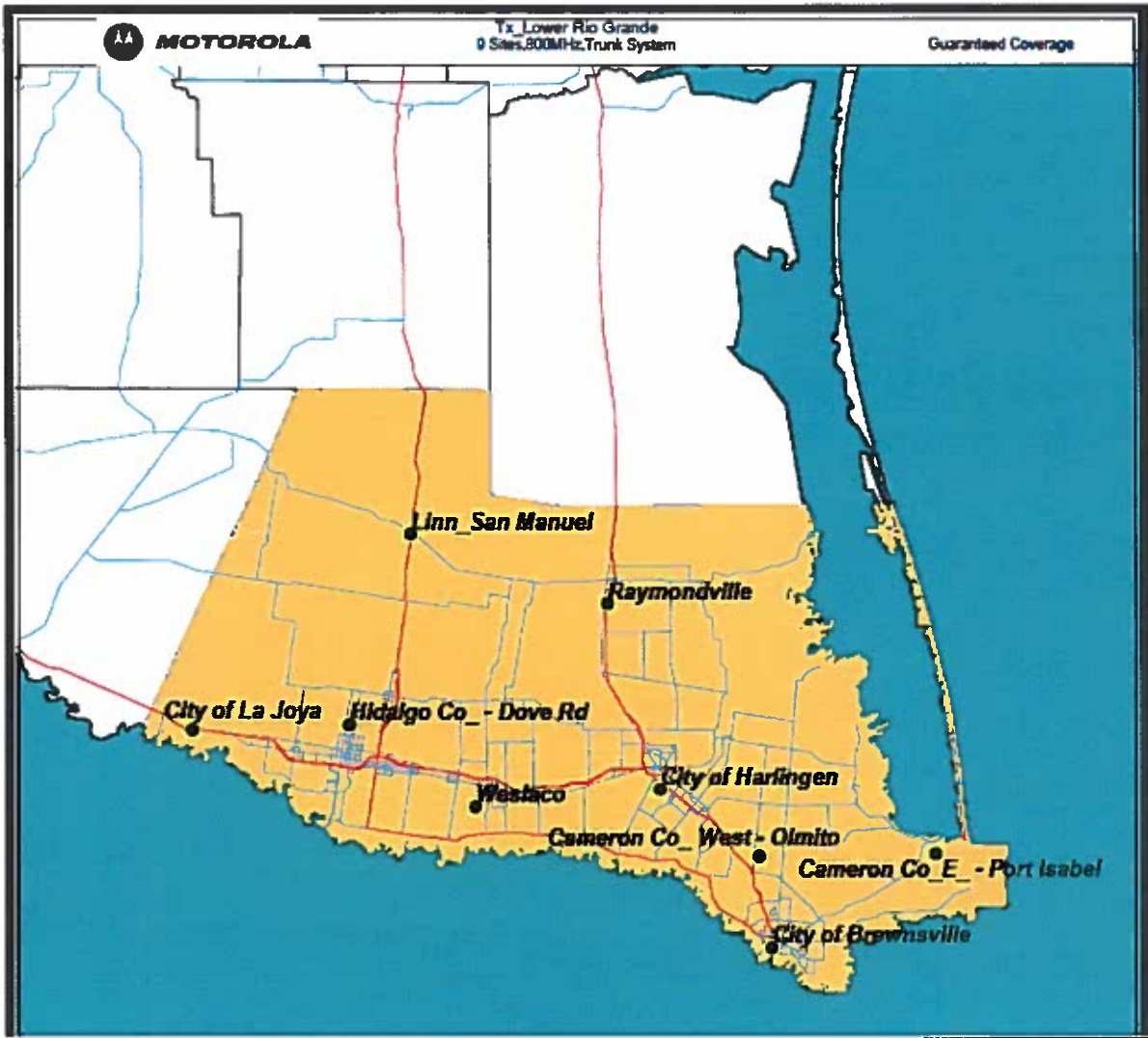
1	T7054	GTR 8000 EXPANDABLE SITE SUB-SYSTEM
1	CA00855AA	ADD: 700/800 MHZ MID POWER
1	X305AC	ADD: QTY (5) GTR 8000 BASE RADIOS
5	X591AE	ENH: ASTRO 25 SITE REPEATER SW
1	CA00861AA	ADD: CABINET RMC W/ CAPABILITY OF 6 BRS
1	CA00879AA	ADD: PRIMARY 6 PORT CAVITY COMBINER
1	CA00883AA	ADD: 800 MHZ TX FILTER W/PMU
2	CA00303AA	ADD: QTY (1) SITE CONTROLLER
2	X591AF	ENH: ASTRO 25 SITE REPEATER SITE CONTRLLR SW
1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU
2	DSOP820B	POWER DIST. UNIT SURGE PROTECT
1	DS1101378	RACK MOUNTING PLATE ADAPTER , DSOP820A & DSNSOP820A 19 INCH RACK
1	DSTSJ48CLT	8 WIRE MOD PROT. , RJ-45 (4 WIRE PROTCTD) OR HARD WIRED (16 V) T1/E1
1	DSTSJADP	HORIZONTAL RACK BUS BAR FOR TSJ AND WPH SERIES NETWORK PROTECTOR
1	ST2500	S2500 MULTIPROTOCOL WAN ROUTER
1	ST2512	S2500 ROUTER T1/E1 DAUGHTER BOARD
1	DS115000AA30073	UPS, FE 18KVA/15KW, 240V, 1 HR 13 MIN RUN
1	DSAPEXIMAX808	240/120 1 PHASE TYPE 1 NEMA 4X
1	TDF7320	ANTENNA 806-869MHZ OMNI 12DB
15	L1705	1/2" LDF HELIAX POLY JKT PER FT
1	DDN9386	N MALE POSITIVE STOP CONNECTOR, FOR 1/2" LDF4-50A CABLE
1	DSL4TDMPS	7 - 16 DIN MALE POSITIVE STOP FOR 1/2" CABLE
2	TDN9289	CABLE WRAP WEATHERPROOFING
510	L1713	1-1/4" LDF HELIAX POLY JKT PER FT
2	DSL6TDFPS	DIN FEMALE TRIMETAL CONNECTOR - POSITIVE STOP
2	TDN9289	CABLE WRAP WEATHERPROOFING
9	TDN7547	1-1/4" CABLE GROUND CLAMP KIT
3	TDN6948	HOISTING GRIP FOR 1-5/8" CABLE & EW44/52/63
1	DS1050125AA	CABLE LIGHTENING ARRESTOR
1	TDF7320	ANTENNA 806-869MHZ OMNI 12DB
15	L1705	1/2" LDF HELIAX POLY JKT PER FT
2	DDN9386	N MALE POSITIVE STOP CONNECTOR, FOR 1/2" LDF4-50A CABLE
2	TDN9289	CABLE WRAP WEATHERPROOFING
1	DS42883H01CG	C&M UNIT FOR TTA W/O RX MULT, 792-824MHZ W/428-83H-01-T FOR GTR8000

1	DS42883H01T	TTA, COMPACT AUTO QUAD 792-824 MHZ TOWER BOX
15	L1705	1/2" LDF HELIAX POLY JKT PER FT
2	DDN9386	N MALE POSITIVE STOP CONNECTOR, FOR 1/2" LDF4-50A CABLE
2	TDN9289	CABLE WRAP WEATHERPROOFING
450	L3323	7/8" AVA HELIAX POLY JKT PER FOOT
2	DDN9498	TYPE N FEMALE PS CONNECTOR
2	TDN9289	CABLE WRAP WEATHERPROOFING
9	TDN6674	5/8" - 7/8" CABLE GROUND CLAMP KIT
3	DSL5SGRIP	7/8" SUPPORT HOIST GRIP
15	L1705	1/2" LDF HELIAX POLY JKT PER FT
2	DDN9386	N MALE POSITIVE STOP CONNECTOR, FOR 1/2" LDF4-50A CABLE
2	TDN9289	CABLE WRAP WEATHERPROOFING
450	L1705	1/2" LDF HELIAX POLY JKT PER FT
2	TDN8810	N FEMALE CONNECTOR
2	TDN9289	CABLE WRAP WEATHERPROOFING
9	TDN6673	1/2" CABLE GROUND CLAMP KIT
3	DSL4SGRIP	SUPPORT HOIST GRIP 1/2" LDF
30	L1702	1/2" SUPERFLEX POLY JKT PER FOOT
2	TDN8810	N FEMALE CONNECTOR
1	DSISDC50LNZ30MA	DC INJECTOR 30V M CONN ANTENNA POR
1	SQM01SUM0187	ARC 4000 MASTER SITE ADD-ON
1	CA01209AA	ADD: ASTRO 25 IV&D SITES
1	F4544	SITE MANAGER ADVANCED
1	V266	ADD: 90VAC TO 260VAC PS TO SM
1	VA00402	ADD: SDM3000 ASTRO F/W V1.30.16 FOR A6.9/7.2, PK1
3	V592	AAD TERM BLCK & CONN WI
1	F2463	REMOTE TERMINAL UNIT DEVICE INTERFACING LICENSES
5	V845	ADD: RTU SOFTWARE LICENSE FOR INTELLISITE REPEATER
2	V846	ADD:RTU SFWR LICENSE FOR ASTROTAC 9600 COMPARATOR
1	V839	ADD:RTU SFWR LICENSE FOR MOSCAD I/O (PER MODULE)

LRGVDC Project 25 800 MHz Voice and Data Radio Communications System

Engineered Coverage

Hidalgo County 800 MHz Elements



Site – Weslaco, TX

PREMISES

19' RACK SPACE REQUIREMENTS

RACK # 1 MASTER ANTENNA SYSTEM	RACK # 2 RF EQUIPMENT	RACK # 3 RF EQUIPMENT	RACK # 4 SITE CONTROLLER RACK	RACK # 5 UPS	RACK # 6 UPS	RACK # 7 UPS
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DISQUALIFICATION OF BIDDERS:

Any one or more of the following causes may be considered sufficient for the disqualification of a bidder and the rejection of his/her bid or bids:

1. Evidence of collusion among bidders.
2. Lack of responsibility as revealed by either financial, experience or equipment statements, as submitted.
3. Lack of expertise as shown by past work, and judged from the standpoint of workmanship and performance history.
4. Uncompleted work under other contracts which, in the judgment of Hidalgo County might hinder or prevent the prompt completion of additional work if awarded.
5. Failure to comply with the submittals of this specification.

ALL WRITTEN INQUIRIES WILL BE ACCEPTED via e-mail to jaime.rivas@co.hidalgo.tx.us by no later than Monday, July xxxxxx by 5:00 p.m. Responses to said inquiries will be sent to all applicants via email by no later than Thursday July xxxxxx by 5:00 p.m.