



UGVCL

UTTAR GUJARAT VIJ COMPANY LIMITED



CIN – U40102GJ2003SGC042906,GST No.-24AAACU6551F1Z1
TENDER NOTICE No:-UGVCL/PROJECT/GPRD/CPC/LoRa WAN/079

PR NO :- 407015

RFQ - 57201

The Addl. Chief Engineer (P&Re) - Uttar Gujarat Vij Company Limited (UGVCL) invites bids through On Line for the work - Turnkey Based Contract for *Pilot research project for Development, Installation, Commissioning, Testing and Maintenance of communication of existing DLMS static meters by implementing a retro-fit kind of cost effective, reliable and Lo-power RF technology called LoRa on the Agri. Consumers for 3 subdivisions under UGVCL, MGVCL and DGVCL in Gujarat State.* Tender Papers & Specifications may be down loaded from Web site <https://ugvcl.nprocure.com> (For view, down load and on line submission) and UGVCL web site www.ugvcl.com (For view & down load only). Tender fee may be paid along with submission of tender in EMD cover, for respective tender. “All the relevant documents of tenders to be submitted physically will be received only by Registered Post A.D. or Speed Post addressed to The Addl. Chief Engineer (P&Re), UTTAR GUJARAT VIJ COMPANY LTD., Corporate Office, Visnagar Road, Mehsana : 384 001 (NG). “NO COURIER SERVICE OR HAND DELIVERY” will be allowed.

1	Tender No.	UGVCL/PROJECT/GPRD/CPC/LoRa WAN/079
2	Description	Turnkey Based Contract for Supply, Installation, Testing and Commissioning of “Pilot research project for Development, Installation, Commissioning, Testing and Maintenance of communication of existing DLMS static meters by implementing a retro-fit kind of cost effective, reliable and Lo-power RF technology called LoRa on the Agri. Consumers for 3 Sub-Divisions under UGVCL, MGVCL and DGVCL in Gujarat State”.
3	Estimated Cost	Rs. 116.12 Lakhs
4	Tender Fees (Non Refundable)	Rs. 7,500 + GST as applicable
6	Ernest Money Deposit Amount	1. Rs. 80000/- for MSME units 2. Rs. 1.2 Lakhs for Non- MSME units
7	On Line tender Submission Last Date	27.01.2020 up to 18.00 Hrs.
8	Relevant Documents Physically Submission Date	On or before date 31.01.2020 up to 17.00 Hrs. (By registered post or speed post only.)
9	Date of opening of Tender Fee & EMD Cover documents physically as well as online	03.02.2020 at 12.00 Hrs.
10	Date of On Line Opening of Technical Bid (Tentative)	04.02.2020 at 12.00 Hrs.
11	Date of PoC (if required)	10.02.2020 at 12.00 Hrs.
12	Date of On line Opening of Price Bid (Tentative, if possible)	17.02.2020 at 12.00 Hrs.
13	Bid validity	365 days

Every bidder has to inform their GSTIN No. at the time of payment of applicable fees.

Signature of Tenderer
Place:

Company's Round Seal
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IMPORTANT

Manufacturer / Authorized Dealer / Distributor / Agent / can participate for this tender.

- (a) All the relevant documents as per requirement of the Tender also to be submitted physically along with the Tender Fee, EMD cover in sealed cover on OR before due date and time. All such documents should be strictly submitted by RPAD/speed post only. Otherwise the offer will not be considered and no any further communication in the matter will be entertained.
- (b) Any deviation found in Data/Details/Documents between on line offer (e-tendering) and physically submitted documents (Tender document fee, EMD, Vender Registration, Technical and commercial documents etc.) of bidder, offer of the same bidder will not be considered and no any further communication in the matter will be entertained.

Further bidders are requested to submit price - bid (Schedule - B) on-line only and not to submit the price bid in physical form. This is mandatory. If price bid is submitted in physical form, same will not be opened and only on -line submitted price bid will be considered for evaluation.

- (c) It is mandatory for all the bidders to submit their tender documents by both forms viz. on-line (e-tendering) and physically in schedule time. If tender documents submitted in only any one form, say either by on line or physically, in that case the same tender will not be considered.

(d) Invitation of Tender:

The tender is invited on behalf of UGVCL / MGVCL & DGVCL. After finalization of tender, LOI / LOA shall be issued by UGVCL and LOA / specific work order shall be issued by respective DISCOM for allocated quantities and specific rates. The bank guarantee towards execution of contract must be invariably submitted within 15 (Fifteen) days from the date of issue of Letter of Acceptance (LoA) by respective DISCOM. After submission of bank guarantee towards execution of contract period and execution of agreement within stipulated time period to the respective DISCOM, specific work order shall be issued by respective DISCOM for allocated quantities and specific rates with period of work execution for their DISCOM. Bidder will have to abide all the terms and conditions of the Master LOI / LOA placed by UGVCL and final LOA and work order placed by respective DISCOM.

- (e) The required information regarding consumer/meter details, and areas where DCU is not suitable to be placed, the feeder detail along with DT meters and related consumers, etc will be provided by concerned subdivision as and when required by supplier.

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- (f) For this project, all AG meters should be DLMS category meter. For that, concern subdivision has to take care for replacement all Non-DLMS and faulty meters by DLMS meters before date of commencement of work execution is to be given to the contractor. But, in any case, during the work execution, if any meter is found non-DLMS or faulty by the contractor, it should be replaced by the subdivision within 7 days from the date of intimation to the concern Subdivision and inform the contractor regarding the same.
- (g) In case of any dispute with consumer regarding installation/maintenance of devices, DISCOMs will take care to resolve the same. To resolve any dispute with consumer regarding installation/maintenance of devices will be in the scope of concerned subdivision/DISCOM.
- (h) Supplier will have to perform commissioning of devices (modem/DCU) for new consumers within 10 days from the intimation given by concerned subdivision. The concern SDO has to take care that no AG consumers shall be left out to be covered under this project conditions. At last, the concern DISCOM will give completion certificate. Once the work under concern subdivision will completed, the CMC period will start. Also, till the CMC period ends, if any device or component fails or found non-working, the contractor has to rectify/replace it.

(i) Payment terms:

PART-A (Supply, installation and commissioning of Hardware)

- The concern DISCOMs will make payment for the work completion of their respective subdivision.
- The bidder may submit the running bill for the commissioned quantity once in a month. The concern SDO will record the bill and submit the bill along with the certificate to the division office for further process. The payment of the sanctioned amount shall be made as per following schedule for each running bill.
 1. 80% payment shall be released within 30 days
 2. 10% amount shall be released after successful monitoring of the study period of 2 month after completion period of project of concern subdivision by concern DISCOM.
 3. 10% shall be kept as a performance guarantee which shall be released upon final completion of the whole project including maintenance period of 3 years by concern DISCOM.



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PART-B (Supply, installation and commissioning of Software)

- The UGVCL will make payment for the bill raised for the software.
- The bidder may submit the bill for the software (Dashboard and mobile app development) after complete execution of project in all respect (i.e. all subdivision). UGVCL will record and process the bill after receiving no due certificate from other 2 DISCOMs for further process. The payment of the sanctioned amount of the bill shall be made as per following schedule.
 1. 80% payment shall be released within 30 days
 2. 10% amount shall be released after successful monitoring of the study period of up to 1 month after completion period of project of concern subdivision after receiving satisfactory certificate from other 2 DISCOMs.
 3. 10% shall be kept as a performance guarantee which shall be released upon final completion of the whole project including maintenance period of 3 year after receiving satisfactory certificate from other 2 DISCOMs.

PART-C (Supply, installation and commissioning of excess device for upcoming requirement during CMC period)

Once the work is completed in concern subdivision, CMC period will start for that subdivision. During that period, the concern subdivision will provide the list of requirement of new modem to be retrofitted with the DLMS meter, once in a month to the supplier, the supplier will have to provide the system within a week time, once intimated by subdivision. Required configuration of devices shall be done immediately after installation. The billing for the same will be submitted by the supplier, once in a month and further procedure will remain as per PART-A.

PART-D (Payment for comprehensive maintenance contract (CMC) period of 3 years)

CMC will commence after completion of work in concern subdivision. After providing satisfactory service of CMC every year, bidder may raise the bill for 30% of total CMC amount after first year, next 30% after second year and remaining 40% after 3rd year. The satisfactory certificate will be given by concern DISCOM and concern DISCOMs shall make the payment for the CMC charges of their part.

(j) Tender will be allotted to single party only.

(k) Tender samples are not required to be submitted along with tender. If required, GPRD Cell and UGVCL may ask bidders to perform PoC on the system consisting of up-



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to 5 modems and 1 Gateway. Once intimated, the PoC shall be performed within a week time. The PoC shall be offered free of cost by interested bidder.

- (l) SIM cards needs to be supplied by the supplier along with DCU with the active data plan up to the period of CMC.
- (m) Providing the regular data for the period of three year shall be the responsibility of the bidder. The expected accuracy for data accumulation is >95% under normal condition. For data accumulation lower than this supplier will have to visit the site and take corrective actions to make it > 95%. The data reliability should be displayed on the dashboard. The data reliability shall be considered as daily one stamp for each meter for the period of 7 days. For ex. Out of 100 installed meters, the data of 95 meters are received daily since week and the data of 5 meters are not received regularly since last 7 days, than data reliability is considered to be 95%. In case of any disconnection or power outage for long duration, the bidder should be informed by concern subdivision to avoid unnecessary site visit.
- (n) The concern subdivision will provide the list of requirement for new modem to be retrofitted with the DLMS meter, once in a month to the supplier, the supplier will have to provide the system within a week time, once intimated by subdivision. Required configuration of devices shall be done immediately after installation.

Note: - Bidders should be in touch with websites <https://ugvcl.nprocure.com> & www.ugvcl.com for information regarding revision/corrigendum/Amendment in tender till due date of online submission and thereafter. No separate information shall be sent in this regards and also not publish in newspaper.

Any technical questions , information & clarification that may be required pertaining to this inquiry should be referred to Addl. Chief Engineer (P&Re) ,Uttar Gujarat Vij Company Ltd. Regd. & Corporate Office , Visnagar Road Mehsana -384001

UGVCL reserves the right to reject any OR all tenders without assigning any reasons thereof.

**Addl. Chief Engineer (P&Re)
UGVCL: RO: Mehsana**



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Download Tender Documents in (PDF Format) which consists of:

- ☞ Schedule “B” indicating the quantities, rates & items, drawing if any.
- ☞ Technical Specifications & GTP’s
- ☞ Commercial Terms & Conditions

To view the PDF file please use “Acrobat Reader” software which can be downloaded from “Adobe “website.

NOTE:

In case bidder needs any clarification or if training required for participating in online tender, they can contact the following office:

(n) Procure Cell

(n) Code solutions-A division of GNFC Ltd.,

403, GNFC Info tower, S.G. Road, Bodakdev

Ahmedabad - 380054 (Gujarat)

Toll Free: 1-800-233-1010 (Ext. 501, 512,516, 517, 525)

Phone No. 079-26857315 / 316 / 317

Fax: 079-26857321 / 40007533

Email: nproucre@gnvfc.net

Other terms & conditions are as per tender documents



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SCHEDULE - 'A'

Document Summary		
Document Name	Uttar Gujarat Vij Company Limited (UGVCL) invites bids for Turnkey Based Contract for Development, Installation, Commissioning, Testing and Maintenance of communication of existing DLMS static meters by implementing a retro-fit kind of cost effective, reliable and Lo-power RF technology called LoRa on the Agri. consumer consumers and there by overcoming the present difficulties of manual meter readings of remotely located scattered consumers.	
Document Owner	Addl. Chief Engineer (P&Re) Uttar Gujarat Vij Company Limited. R&C Office, Mehsana : 384 001	
Contact Details	Contact Person	Addl. Chief Engineer (P&Re), UGVCL
	e-mail	aceproject@ugvcl.com

It is to clarify that in case of any discrepancy between physical annexure/documents and online annexure/documents then on-line data will be considered as final data for tender evaluation & competition.

NOTE: IMPORTANT

[A] PERIOD OF CONTRACT

- The project covers 1 subdivision each in 3 DISCOMs as follows. The subdivisions for the DISCOMs are selected as follows:

Sr. No.	DISCOM	Selected Subdivision
1	UGVCL	Kadi-1
2	DGVCL	Umarpada
3	MGVCL	Kankanpur

The project will be carried out in 2 parts. In part-1, Kadi-1 subdivision will be completed in all respect. **Even though, the GPRD cell is empowered to change the selected subdivision and its execution for Part-1.** After due study, the commencement date will be given to the contractor for starting the work in remaining 2 subdivisions under part-2.

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The total period of the contract for this project is 12 months of execution and then after 36 months is for comprehensive maintenance contract (CMC) period. This project will be carried out in 2 parts.

- Once the AT will be issued by UGVCL, the concern DISCOM in consultation with GPRD cell will issue the intimation for commencement of “Survey work and identification of the location of DCU in consultation with Subdivision for part-1”. After that, 1 month will be given for the survey work and identification of the location of DCU in consultation with Kadi-1 Subdivision” (or other subdivision selected for part-1).
- Then after, the concern DISCOM in consultation with GPRD cell will issue the intimation for commencement of “execution of work in all respect for part-1” After that, during the period of 5 months, the work shall be completed in all respect for Kadi-1 subdivision (or other subdivision selected for part-1) by contractor.
- After the completion of work in part-1, the contractor will intimate to concern subdivision. Then after, one month is for the study period during which, the outcome of the project of kadi-1 subdivision (or other subdivision selected for part-1) will be reviewed and corrective actions shall be suggested by GPRD Cell and concern DISCOM. These corrective actions are to be incorporated in part-2 .
- After due study , the concern DISCOM in consultation with GPRD cell will issue the intimation for commencement of “execution of work in all respect for part-2” After that, Part-2 will commence and to be completed in all respect within next 5 months, for other 2 subdivisions.

Activity No.	Activity Detail	Time duration for completion of activity after issue of intimation for commencement
1	Survey work and identification of the location of DCU in consultation with Subdivision for part-1	30 days
2	Once the activity-1 will be completed, the concern SDO will give the intimation for commencement of work to the contractor after consultation with the GPRD Cell. During the time period for this activity, work shall be completed in all respect for subdivision under part-1 by the contractor. After completion of the work for this subdivision, the CMC Period for that subdivision will start.	150 days



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3	Once the work of subdivision under part-1 is completed in all respect, the intimation for completion of work shall be given by the contractor so that the study period can be started. Study period during which, the outcome of the project of subdivision of part-1 will be reviewed and corrective actions shall be suggested by GPRD Cell and concern DISCOM.	30 days
4	The intimation for the commencement of execution of Part-2 will be given by concern subdivision in consultation with GPRD cell. The Part-2 will commence and to be completed in all respect for other 2 subdivision. After completion of work in concern subdivision, CMC period for that subdivision will start.	150 days

[B] REQUIRED COMPETENCE

The bidder should have the necessary competence, adequate financial standing, sufficient experience, expertise and related infrastructure for handling contract work of similar nature. The qualifying requirements are given in this tender specification.

[C] SUBMISSION OF PROPOSALS

The tender offer shall be submitted in time specified in the following manner:

The bidder has to submit their bid in One Big Cover, in which following two covers should be kept separately:

COVER - I (Tender Fee & EMD)

- I. Tender fee is Rs.7,500.00 (Rs. Seven Thousand Five Hundreds only) (Non-refundable) plus GST as applicable as notified in the tender notice should invariably be paid by way of Demand Draft; otherwise offer will be ignored out rightly. Indian Postal Orders (IPO's) & Cheques are not acceptable. Demand Draft should be in the name of "Uttar Gujarat Vij Company Limited", Payable at Mehsana.
- II. E.M.D.is Rs. 80000/- for MSME Units and Rs. 1.20 Lacs for Non-MSME Units. The EMD is payable by Demand Draft in favour of the "Uttar Gujarat Vij Company Limited" on any Scheduled / Nationalized Banks in Mehsana. It can also be furnished by way of an irrecoverable Bank Guarantee from any nationalized Bank in a standard format prescribed by UGVCL (Format given in this tender document).

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III. The following documents as stated hereunder are required to be submitted in physical form under Cover - I.

- Copy of GST Registration
- Copy of PAN Card
- Copy of Company Registration
- Copy of Contractor License
- MSME Certificate (If Applicable)

Note: The bid will be rejected out rightly, if the above mandatory documents are not submitted in physical form in Cover - I.

COVER - II (Techno- Commercial Bid)

In this part of bid, bidder will have to furnish guaranteed technical particulars in regard to all requirement details of Technical Specification Schedule and confirmation of terms and conditions and its addendum/corrigendum, if any, along with details required in various/schedules “EXCEPT THE PRICE SCHEDULE” so that the purchaser may be able to examine whether the offer submitted is technically acceptable or not and also confirm to our commercial terms and conditions. The bidder has to submit also the bid document duly signed & stamp on each page.

Initially Cover-I will be opened to confirm the submission of Tender Fee & EMD & if the bidder has submitted the same as per tender terms, their Cover- II will be opened for technical evaluation.

[D] DELAYED AND LATE TENDERS:

No tender shall be accepted / opened in any case which are received after due date and time of the receipt of tender irrespective of delay due to postal services or any other reasons and UGVCL shall not assume any responsibility for late receipt of tender. Any correspondence in this matter will not be entertained.

Signature of Tenderer

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Place:

Company's Round Seal

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