

Notice Inviting On-line Tender

Details about E-Tender:13 2018-19

Department Name	Uttar Gujarat Vij Company Limited
Circle/Division	Sabarmati Circle / Sabarmati Division
IFB No / Tender Notice No.	UGVCL/SOD/E-Tender-13 2018-19
Name of Project	
Name of Work	Underground Cable laying by push through method & Erection of HT/LT, T/C for Bullet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division
Estimated Contract Value (INR)	1,87,55,179.00
Period Of Completion(in Months)	5 Months
Bidding Type	Open
Bid Call (Nos)	1
Tender Currency Type	-----
Tender Currency Settings	-----
Joint Venture	Applicable / Not Applicable
Rebate	Applicable / Not Applicable

Amount Details

Bid Document Fee :	Rs. 7500+1350 (8850 with GST)Eight Thousand eight Hundred Fifty only.
Bid Document Fee Payable To :	Uttar Gujarat Vij Company Limited
Bid Security/EMD (INR) :	Rs.80000/- Eighty thousand only
Bid Security/EMD In Favors of :	Uttar Gujarat Vij Company Limited

Tender Dates

Bid Document Downloading Start Date	Automatic System Generated
Bid Document Downloading End Date	02.07.2018; 18:00 hrs.
Pre Bid Meeting	No Meeting
Last Date & Time for Receipt of Bids	02.07.2018; 18:00 hrs.
Bid Validity Period	180 Days
Remarks	Submission of EMD. Tender fee and other experience certificate Documents before 6.00 pm by RPAD & speed post: On date 04.07.2018 in the office of The Executive Engineer. Uttar Gujarat Vij Company Limited, Sabarmati Division, Near A.E.C Railway crossing, Sabarmati, Ahmedabad 380005 Phone : 079 27505599, 27506070
Bid Opening Date (Technical)	05.07.2018; 12:00 hrs.
Bid Opening Date (Commercial)	06.07.2018; 12:00 hrs.

Other Details

Officer Inviting Bids :	Exe. Eng.UGVCL.Sabarmati Division
Bid Opening Authority :	Exe.Eng.UGVCL,Sabarmati Division.
Address :	Near A.E.C Railway crossing, Sabarmati, Ahmedabad 380005
Contact Details :	079 27506436, 27505599 ,27506070

VOLUME-I: SECTION – I

INVITATION FOR BIDS (IFB)

INVITATION FOR BIDS (IFB)

Tender for Underground Cable laying by push through method & Erection of HT/LT, T/C for Bulet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division

(DOMESTIC COMPETITIVE BIDDING)

(SINGLE STAGE TWO ENVELOPE BIDDING)

DATE OF ISSUANCE OF IFB: **As per Schedule-A**

FUNDING : DOMESTIC

- 1.0 This invitation for bids follows the procurement notice (Invitation for Bids) for the subject package(s) which appeared in National and Regional Newspapers on **20.06.2018** This shall also be available on "Uttar Gujarat Vij Company Limited" website given at para 11.0 from **22.06.2018**.
- 2.0 "Uttar Gujarat Vij Company Limited"(hereinafter referred to as 'UGVCL') have been entrusted to execute the Project i.e. **Erection of HT/LT, T/C & Underground Cable by push through method for Bulet Train Project of Barejadi S/Dn. under Sabarmati Division** on behalf of UGVCL.. For the purpose of all procurement activities related to the aforesaid project, UGVCL shall be referred to as 'Employer' and **Uttar Gujarat Vij Company Limited** "the Owner"
- 3.0 UGVCL, therefore, invites sealed bids from eligible bidders for the following package(s) for aforesaid project on Domestic Competitive Bidding basis:

Sl. No.	Package
1	Sabarmati Circle, UGVCL for Underground Cable laying by push through method & Erection of HT/LT, T/C for Bulet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division

This Invitation for Bids extended through media, website or written communication or by any other means, and issuance of Bidding Documents as per para 7.0 below shall not be construed to mean that the prospective bidders to whom the Invitation for Bids has been extended and/or Bidding Documents have been issued is deemed to be an eligible bidder. The eligibility of the bidders shall be determined as per the provisions of Bidding Documents.

- 3.1 This Specification covers the following scope of works:

The detailed scope of work is given in the Bidding Documents.
- 3.2 The completion period for Sabarmati Circle, UGVCL for **Underground Cable laying by push through method & Erection of HT/LT, T/C for Bulet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division** shall be the period as specified in ITB Sub-Clause 24.1(c).
- 3.3 Bidding will be conducted through the domestic competitive bidding procedures as per the provisions of ITB/BDS and the contract shall be executed as per the provisions of the Contract.
- 4.0 The detailed Qualifying Requirements (QR) are given in the Bidding Document.
- 5.0 The complete Bidding Documents including tender drawings and technical specifications are available at UGVCL website <http://www.ugvcl.com> & <https://ugvcl.nprocure.com> Interested bidders can download the Bidding Documents and commence preparation of bids to gain time.
- 6.0 Interested eligible bidders may obtain further information from and inspect the Bidding Documents at the office of **UGVCL/Executive Engineer of Sabarmati Division, UGVCL** at the address given at para 11.0 below from 11.00 hours (IST) to 18.00 hours (IST) on all working days till the sale of Bidding Documents is open as per para 7.0 below.
- 7.0 *Interested Bidders will be required to purchase the Bidding Documents from ,<https://ugvcl.nprocure.com> (for submission of the bid), which will be duly authenticated by the executive issuing the documents.* In such

Signature of

Company Round

Date:

case, a complete set of Bidding Documents in English may be purchased by interested Bidder or Bidder's authorised representative on the submission of a written application to the address below and upon payment of a non-refundable fee as stated in Schedule-A in the form of demand draft in favour of **Uttar Gujarat vij Company Limited**, payable at **Sabarmati** on all working days up to as stated in Schedule-A, **UGVCL** shall not be responsible for any postal delay in respect of request for issuance of Bidding Documents and/or despatch of Bidding Documents and/or submission of bids.

The acceptance of price bid/commercial bid shall be subjected to acceptance of documents fee.

In case of any discrepancy between the documents downloaded by the prospective bidder and the Bidding Documents (hard copy) issued by **UGVCL/Executive Engineer, Division Office UGVCL, Sabarmati** official, the latter shall prevail.

The Bidding Documents are meant for the exclusive purpose of bidding against this specification and shall not be transferred to any other party or reproduced or used otherwise for any purpose other than for which they are specifically issued.

- 8.0 A pre-bid meeting will be held at the office of the **UGVCL** if required as stated in SCHEDULE-A to clarify the bidders various issues raised.
- 9.0 A Single Stage Bid Envelope Bidding Procedure followed by e-bidding for price bids will be adopted and will proceed as detailed in the Bidding Documents.
- 9.1 Bids must be delivered in single sealed envelopes to the address below at or before the dates stated in Schedule-A. Price breakup shall be submitted electronically. Late bids will be rejected. Bid Envelope i.e. Techno Commercial Part shall be opened on the same day as stated in SCHEDULE-A. in the presence of the bidders' representatives who choose to attend in person at the address below at 11:30 hours (IST). Price Bids shall be opened in the presence of the bidders' representatives who choose to attend at the time and date at the address given in the intimation for opening of Price bids.

All bids must be accompanied by a bid security as stated in Schedule-A

10.0 **UGVCL/Executive Engineer, DO, UGVCL, Sabarmati reserves the right to cancel/withdraw this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.**

11.0 **All correspondence with regard to the above shall be to the following address.**

(By Post/In Person)

Name of bid documentation issuance official:

Designation of the officer:

Executive Engineer,
UGVCL Division Office
Nr. AEC Rly X-ing
Sabarmati-380005
TA. Ahmedabad
Dist. Ahmedabad (N.G.)

For more information, visit our site at <http://www.ugvcl.com>

----- End of Section-I (IFB) -----

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Date:

PO NO -

RFQ -

The Executive Engineer, Uttar Gujarat Vij Company Limited (UGVCL), Division Office, Sabarmati invites bids through On Line for the work - for Underground Cable laying by push through method & Erection of HT/LT, T/C for Bullet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division

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 Executive Engineer, UTTAR GUJARAT VIJ COMPANY LTD., Division Office, Nr. AEC Rly X-ing, Sabarmati, Ahmedabad-380005. “NO COURIER SERVICE OR HAND DELIVERY” will be allowed.

1a	Tender No.	UGVCL/SBTDO/EXP/13/2018-19
1b	Name of Sub Division	
2	Description	Underground Cable laying by push through method & Erection of HT/LT, T/C for Bullet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division
3	Estimated Cost	Rs. 1,87,55,179.00/-
4	Tender Fees (Non Refundable)	Rs. 7500+1350 (8850 with GST)
6	Earnest Money Deposit Amount	80000.00/-
7	On Line tender Submission Last Date	02.07.2018 up to 18.00 Hrs.
8	Relevant Documents Physically Submission Date	On or before date 04.07.2018 up to 18:00 Hrs. (By registered post or speed post only.)
9	Date of opening of EMD COVER Documents & Verification with Physically submitted documents	05.07.2018 at 11.30 Hrs.
10	Date of On Line Opening of Technical Bid	05.07.2018 at 12.00 Hrs. (if possible)
11	Date of On line Opening of Price Bid (Tentative, if possible)	06.07.2018 at 12.00 Hrs.
12	Bid validity	180 days

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Date:

IMPORTANT:

(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.

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 Executive Engineer, Uttar Gujarat vij Company Limited, Division Office, Nr. AEC Rly X-ing , Sabarmati, Ahmedabad-380005

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

Executive Engineer
UGVCL: DO: Sabarmati

Signature of

Company Round

Date:

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

- ☞ **Schedule “A”** indicating the quantities & 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 Infotower, 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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Date:

SCHEDULE - 'A'

Document Summary		
Document Name	Underground Cable laying by push through method & Erection of HT/LT, T/C for Bullet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division	
Document Owner	Executive Engineer Uttar Gujarat Vij Company Limited. Division Office, Sabarmati, Ahmedabad	
Contact Details	Contact Person	Executive Engineer / Executive Engineer, UGVCL, CO, Sabarmati
	e-mail	eesbtdo@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 contract period shall be for 5 (Five) months from the commencement period of one month and complete rollout.

[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, as 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.

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Date:

COVER - I (Tender Fee & EMD)

- I. Tender fee is Rs 7500+ 18% GST (1350) TOTAL 8850.00/- . (Non-refundable) 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 Ltd.", Payable at **Sabarmati**
- II. E.M.D.is @ Rs 80000.00. The EMD is payable by Demand Draft in favour of the Uttar Gujarat Vij Company Ltd. on any Scheduled / Nationalized Banks in **Sabarmati**. 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).

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 and also confirm to our commercial terms and conditions or not. The bidder has to submit also the bid document duly signed & stamp on each page.

[E] 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. Late proposals.

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Company Round

Date:

Bidder Qualifying Criteria(BQC)

The bidder shall have to fill up following document and shall have to submit proof there of.						
Sr. No	Description of experience	Item	Qualification required	Qualification of bidder (to be filled by bidder)	Proof submitted at page No.	Remarks
1	2		3	4	6	7
i	The bidder must have successfully executed work of Erection of HT/LT, T/C & Underground Cable by push through method (as the case may be in bid) in a single contract in last 7 years as on the date of bid opening, having experience of at least 50% of length of underground 22/ 11 KV system so created must be in satisfactory operation for at least one (1) year as on date of opening of bid,	UG Laying	6.5 KM			
ii	The bidder must have successfully executed work of Erection of HT/LT, T/C & Underground Cable by push through method (as the case may be in bid) in a two contract in last 7 years as on the date of bid opening, having experience of at least 40% of length of underground 22/ 11 KV system so created must be in satisfactory operation for at least one (1) year as on date of opening of bid,	UG Laying	4.4 KM			
iii	The bidder must have successfully executed work of Erection of HT/LT, T/C & Underground Cable by push through method (as the case may be in bid) in a three contract in last 7 years as on the date of bid opening, having experience of at least 30% of length of underground 22/ 11 KV system so created must be in satisfactory operation for at least one (1) year as on date of opening of bid,	UG Laying	3.3 KM			
iv	The Bidder must have executed at least 5 Nos. of Railway Crossing by	Railway	5 Nos.			

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Date:

	laying of Underground cable by push through method (mandatory)	Crossing				
V	Minimum Average Annual financial Turnover of last three years 2015-16, 2016-17 and 2017-18	2013-14	Average of best 3 years shall be inimum 30 % of Tender cost I.e. Rs. 56 lakh			
		2014-15				
		2015-16				
		2016-17				
		2017-18				
Vi	Net worth Positive		Submitted (Yes / NO)			
Vii	Solvency Certificate from Bank	20 %of Tender Cost i.e. Rs 37 lakh	Submitted (Yes/NO)			
Viii	Complete Annual Report with Audited Statement	Las 5 Years	Submitted (Yes/NO)			
iX	PF Registration Certificate.		Submitted (Yes/NO)			
iX	Whether Biding is with Joint Venture		(Yes/No)			

Signature of

Company Round

Date:



UTTAR GUJARAT VIJ COMPANY LTD
Division Office, "Uttar Gujarat Vij Company Ltd."
Nr. AEC Rly X-ing, Sabarmati, Ahmedabad-380005
CIN: U40102GJ2003SGC042906;

Tender No: UGVCL/Bullet Project /

Tender for Underground Cable laying by push through method & Erection of HT/LT, T/C for Bullet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division.

From:

The Executive Engineer
UGVCL
Division Office Sabarmati

Signature of

Company Round

Date:

DOCUMENTS

Section	Document	Document Code	Page No.
1.	Instructions to Bidders and General Condition	ITB and GC	3-24
2.	Condition of Contract (Commercial and Legal)	COC	25-47
3.	Annexure of Qualification Information, bank Guarantee	Annexure	48-75
4.	Technical Specification (File Separately Attached)	TS	76
5.	Drawing (File Separately Attached)	DRG	77

Signature of

Company Round

Date:

SECTION 1: INSTRUCTIONS TO BIDDERS &
GENERAL CONDITIONS

(ITB And GC)

Signature of

Company Round

Date:

Section 1: Instructions to Bidders and General Conditions

Sr No	Particulars	Page No	Sr No	Particulars	Page No
1	General Instruction	5	18	Discipline of workman	18
2	Qualifying Requirements	5	19	Contractors field operation	18
3	Scope of work	11	20	Progress Report	19
4	IPDS (Deleted)	12	21	Employment of Labour	19
5	Codes, Standard & Regulation	12	22	Facility to be provided by Contractor	19
6	Drawings, Data and Document	12	23	Lines and Grade	20
7	Deleted	13	24	Fire Protection	20
8	Functional & Composite testing	14	25	Security	20
9	Bar Charts	14	26	Pre commissioning Trials and initial operation	20
10	Deleted	14	27	Materials Handling and Storage	20
11	Deleted	15	28	Protection of property and contractor's liability	21
12	General Erection Condition	17	29	Insurance	21
13	Regulation of local authorities and statutes	17	30	Workman Compensation Insurance	21
14	Owner's lien on equipment	17	31	Compressive general liabilities Insurance	22
15	Access to site & working on site	18	32	Unfavorable working Condition	22
16	Contractors site establishment	18	33	Work & Safety regulation	22
17	Cooperation with other contractors	18	34	Code Requirement	24

Signature of

Company Round

Date:

General Instruction

The EXECUTIVE ENGINEER, UGVCL for and on behalf of "UTTAR GUJARAT VIJ COMPANY LTD.", having its Corporate Office at, Visnagar Road, Mehsana-384001, hereafter called the "UGVCL" intends to INVITE tender for Underground Cable laying by push through method & Erection of HT/LT, T/C for Bullet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division.

NHSRCL is designated to carry out Mumbai-Ahmedabad High Speed Rail Project(Bullet Train). NHSRCL has identified locations of Over Head electric Lines under Barejadi Subdivision of Sabarmati Division required to be shifted/ UG along the Mumbai-Ahmedabad High Speed Rail (MAHSR) Alignment

Bids submitted after the time and date fixed for receipt of bids as set out in the INVITATION to Bid shall be rejected.

The works referred herein shall cover the entire scope of the Tender which include supply of all material covered in tender as per describe in scope of work, laying of cable testing and commissioning under Sabarmati Circle of UGVCL including the successful completion of performance and tests which the UGVCL desires to get executed.

The issuance of bid document would not mean that the bidder has qualified for the bidding. Hence bidders should ensure themselves of their credentials before submitting their offer.

Documents towards payment of tender fee and earnest money deposit (EMD) should be kept in the EMD cover only. First the EMD cover will be opened and if the documents towards payment of tender fee and EMD are found in order then only cover containing technical bid will be opened first. All those who are found technically competent to carry out the job will be considered as qualified bidders and only their financial bid will be opened.

UGVCL reserves the right to spread the order if required.

Does not anticipate change in the ownership during the proposed period of work. (If such a change is anticipated, the scope and effect thereof shall be defined.

UGVCL reserves the rights to instruct the contractor for carry out the works anywhere in the jurisdiction of UGVCL and accordingly contractor shall carry out the work as per the same rate and terms and condition of contract.

2 Qualifying Criteria

Qualification of bidder will be based on meeting the minimum pass/fail criteria specified in 1.0 Pre- qualifying criteria Part-A and 2.0 Pre-qualifying criteria Part-B as demonstrated by the Bidder's responses in the corresponding Bid Schedules. The bidder shall also be required.

Subcontractors' technical experience and financial resources shall not be taken into account in determining the Bidder's compliance with the qualifying criteria. The bid can be submitted by an

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Date:

Indian individual firm only or by Joint Venture firm having Indian partner firms only.

Notwithstanding anything stated herein above, the UGVCL reserves the right to assess the capacity and capability of the bidder, should the circumstances warrant such assessment in an overall interest of the UGVCL. The UGVCL reserves the right to waive minor deviations if they do not materially affect the capability of the Bidder to perform the contract.

Pre-qualification criteria

Technical:

Erection of HT/LT, T/C & Underground Cable by push through method for Bullet Train Project of Barejadi S/Dn. under Sabarmati Division.

- i. The bidder must have successfully executed work of Erection of HT/LT, T/C & Underground Cable by push through method (as the case may be in bid) in a single contract in last 7 years as on the date of bid opening, having experience of at least 50% of length of underground 22/ 11 KV system so created must be in satisfactory operation for at least one (1) year as on date of opening of bid,,

OR

- ii. The bidder must have successfully executed work of Erection of HT/LT, T/C & Underground Cable by push through method (as the case may be in bid) in a two contract in last 7 years as on the date of bid opening, having experience of at least 40% of length of underground 22/ 11 KV system so created must be in satisfactory operation for at least one (1) year as on date of opening of bid,

OR

- iii. The bidder must have successfully executed work of Erection of HT/LT, T/C & Underground Cable by push through method (as the case may be in bid) in a three contract in last 7 years as on the date of bid opening, having experience of at least 30% of length of underground 22/ 11 KV system so created must be in satisfactory operation for at least one (1) year as on date of opening of bid,

The Bidder must have executed at least 5 Nos. of Railway crossing by laying of Underground cable by push through method

Bids may also be submitted by joint venture firms (having not more than three partners with one partner as lead partner) wherein

- a) All the partners should jointly meet qualification requirements set forth in para (i) or (ii) or (iii) above,

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Company Round

Date:

AND

- b) The lead partner should have successfully executed work of Erection of HT/LT, T/C & Underground Cable by push through method in a single turnkey contract in last 7 years as on the date of bid opening, having experience of at least 40% of length of underground 22/ 11 KV system so created must be in satisfactory operation for at least one (1) year as on date of opening of bid,

AND

- c) Each of the other partners should have successfully executed work of Erection of HT/LT, T/C & Underground Cable by push through method in a single turnkey contract in last 7 years as on the date of bid opening, having experience of at least 25% of length of underground 22/ 11 KV system so created must be in satisfactory operation for at least one (1) year as on date of opening of bid,
- The bidder should possess license issued by the Electrical Inspectorate of Govt of Gujarat/Central Inspectorial organization of Govt. of India/ other state Govt. In case bid submitted joint venture firm, any of partner should possess electrical license as stated above.
 - Work experiences of the bidder as per above shall be considered only if the works have been executed under Govt./semi-Govt./autonomous body of Central/State Govt./Electricity Power Utility/ Power Deptt. in India only.

Commercial:

For the purpose of this bid, the bidder shall meet the following requirements:

For the purpose of this particular bid, bidder shall meet the following minimum commercial criteria in past 5 years (up to 31.03.2018):

- i. Experience in single completed work of projects execution in electrical Transmission or sub-transmission & distribution sector costing not less than the amount equal to 50% of the estimated amount of the project.

Or

- ii. Experience in two completed work of projects execution each in electrical Transmission or sub-transmission & distribution sector costing not less than the amount equal to 40% of the estimated amount of the project individually.

Or

- iii. Experience in three completed work of projects execution each in electrical Transmission or sub-transmission & distribution sector costing not less than the amount equal to 30% of the estimated amount of the project individually.

Net Worth for the each of the last three Financial Years should be positive. Net worth means the sum total of the paid up capital and free reserves (excluding reserves created

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Date:

out of revaluation) reduced by aggregate value of accumulated losses (including debit balance in profit and loss account for current year) and intangible assets.

Minimum Average Annual Turnover (MAAT) for best three years out of last five financial years of the bidder should not be less than 30% of the estimated cost of the project. In this regard, separate certificate from CA must be submitted.

In case a bid is submitted by a Joint Venture (JV), all the partners of the JV shall meet, individually, the qualification set forth at para 1.02.1 & 1.02.2 above and collectively the requirement of para 1.02.3 above. The figures for each of the partner of the joint venture shall be added together to determine the bidder's compliance with the minimum qualifying criteria set out in para 1.02.3 above; however in order for a joint venture to qualify, the partner(s) of joint venture must meet the following minimum criteria:

At least one partner shall meet, not less than 40% of the minimum criteria given at Para 1.02.3 above

AND

Each of the other partner(s) shall meet not less than 25% of the criteria given at Para 1.02.3 above

Failure to comply with this requirement will result in rejection of the joint venture's bid. Sub contractors' experience and resources shall not be taken into account in determining the bidder's compliance with qualifying criteria.

One of the partners shall be nominated as lead partner, and the lead partner shall be authorized to incur liabilities and receive instruction for and on behalf of any and all partners of the joint venture and the entire execution of the contract including receipt of payment shall be done exclusively through the lead partner. This authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners as per given Annexure-XII

All partner of the joint venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms and a copy of the agreement entered into by the joint venture partners having such a provision shall be submitted with the bid as per Annexure-XIII

A statement to this effect shall be included in the authorization mentioned under para 1.02.6 above as well as in the Bid Form and in the Contract Form (in case of a successful bid);

Bidder shall also submit complete annual report together with audited statement of accounts of the company for last five years of its own (separate) immediately preceding the date of submission of bid. A Separate certificate from the CA shall be submitted for annual financial turnover for above period.

Has adequate financial stability and should have positive net worth, to meet the financial obligations pursuant to the scope of the works (The bidders should submit at least last three years of their profit and loss account and balance sheets duly audited by certified Chartered Firm).

Solvency Certificate from Bank (20% of Bid value).

Signature of

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Date:

Litigation History:

The bidder should provide detailed information on any litigation or arbitration arising out of contracts completed or under execution by it over the last five years. A consistent history of awards involving litigation against the Bidder or any partner of JV may result in rejection of Bid.

Notwithstanding anything stated hereinabove, the UGVCL reserves the right to assess the capacity and capability of the bidder, should the circumstances warrant such assessment in an overall interest of the UGVCL. The UGVCL reserves the right to waive minor deviations if they do not materially affect the capability of the Bidder to perform the contract

- Does not anticipate change in the ownership during the proposed period of work.
- The bidder shall have in-house facility of mobile cable fault locating and testing system in 11KV and above networks along with other testing equipments like digital earth tester, cable identifier, dc high voltage testing equipments and live line indicators.
- Bidder shall have in house design and engineering facilities, consisting of qualified manpower and design tools like AutoCAD.
- Bidder has to submit the copy of complete type test reports /Certificates of offered make of major supply items like XLPE cable, RMU, Transformer, indoor outdoor termination kits HDPE (DWC) pipe straight joint etc. as required in project work. The certificate/reports should not older than 5 (five years). Bidder has to provide the authorization letters from the manufacturer of offered make material .Guarantee also required from bidder as well as OEM.
- Any subcontracting documents shall not be considered for technical evaluation.
- The qualifying requirements stated in the accompanying technical specifications for the works shall also apply.
- The above stated requirements are a minimum and the UGVCL reserves the right to request for any additional requirement and also reserves the right to reject the proposal of

any bidder, if in the opinion of the UGVCL, the qualification data is incomplete or the Bidder is found not qualified to satisfactorily perform the works.

- UGVCL reserves the right to spread the order in two bidders if required.

Signature of

Company Round

Date:

- i. **JOINT VENTURE:-** Joint venture having not more than three partners with one partner as lead partner shall comply with the following requirements:
- ii. The bid shall be signed so as to be legally binding on all partners.
- iii. One of the partners responsible for performing a key component of the contract shall be designated as leader; this authorization shall be evidenced by submitting with the bid a power of attorney signed by legally authorized signatories as per Annexure-XII.
- iv. The leader shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture, and the entire execution of the contract, including payment, shall be done exclusively with the leader, provided otherwise requested by the joint venture and agreed between the UGVCL and the leader.
- v. All partners of the joint venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms.
- vi. A copy of the agreement entered into by the joint venture partners shall be submitted with the bid as per Annexure XIII including interalia delineation of responsibilities and obligations of each partners appended thereto, notwithstanding the joint and several liability.
- vii. The joint venture agreement should indicate precisely the responsibility of all members of JV in respect of planning, design, manufacturing, supply, installation, commissioning and training.
- viii. All members of JV should have active participation in execution during the currency of the contract. This should not be varied/modified subsequently without prior approval of the UGVCL.
- ix. In order for a joint venture to qualify, each of its partners or combination of partners must meet the minimum criteria listed in the Qualification Requirement for the Bidder for an individual Bidder for the component of the contract they are designated to perform. Failure to comply with this requirement will result in rejection of the joint venture bid.
- x. A firm can be a partner in only one joint venture;

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Company Round

Date:

3.0 Scope of Work

Supply and fixing of indoor / outdoor termination kit suitable for XLPE as per size of cable Shown in schedule B.

Supply and fixing of HDPE (DWC) pipe of 110 mm O.D. and 6.11 Kg/cm² (0.6 Mpa) class 4 Green Colour with thickness of 8.5 the same must be confirm to IS (4984-1987) (3rd version). The Pipe should be erected in such a way that 1200 mm shall be below ground level and rest 2700 mm be supported on DP structure with polymer cleats.

Laying of cable, testing and commissioning

Cable trench up to the depth of 1200 mm is to be dug with width of 500 mm as mentioned in schedule B in any type of soil.

Spreading of sand at the bottom of the trench up to 100mm.

Lying of power cable in the Centre of the trench. Utmost care should be taken while loading / unloading and unwinding the cable drums.

Covering the cable with 1" thick, 6"dia., half round cement pipes. Back feeling the trench so as to make the surface smooth Erection of 11 KV XLPE cable on DP structure with fixing of polymer cleats, aluminum tags and with permanent identification of each cable at top and bottom (as per drawing) with permanent identification.

Horizontal drilling without damage to surface road using Augur machine and putting of 6.11Kg/cm² HDPE (DWC) pipe 110 mm dia. & 8.5 mm thickness, class 4 green colour Confirms IS 4984-1987 (3rd revision) and laying of 11 KV XLPE cable of size 185mm²/240mm² as per site condition & instruction of Engineer in charge. The detail map and excel sheet (hard copy & soft copy) indicating the respective depth and distance from adjacent land mark for each segment for HDD is to be submitted as per instructions of Engineer in charge.

Required civil work for Transformer, RMU plinth, Shade or required DP structure to be erect for Transformer etc.

Approval for charging of the feeder erected by you from electrical inspector.

Liaison charges with utilities, Electrical inspector & other local utilities like telecom,

Signature of

Company Round

Date:

10 | P a g e

GAS, & Networking etc. Preparation of site drawing and approval of Concern Maha Nagar Palika/AUDA/GUDA/ Nagar Palika (if required) for cable laying is in scope of contractor.

Bids not covering the above entire scope of works shall be treated as incomplete and shall be rejected.

Bids containing deviations form will be considered as non-responsive.

Any other item not specifically mentioned in the specifications but which are required for Erection, Laying, Testing, Commissioning and satisfactory operation of the Distribution lines are deemed to be included in the scope of the specification unless specifically excluded.

This specification covers the detailing, engineering, manufacturing, testing at works, packing, supply, storage, insurance and handling at site, erection, Cable laying testing, commissioning and handing over in ready to switch on condition to UGVCL of complete 11 KV equipments/ accessories. However, if any item is left out, standard specification of Rural Electrification Corporation (REC) will be applicable for the same.

5.0 Codes, Standard & Regulation

The design, manufacture, erection, cable laying and testing of the equipments and material to be supplied shall comply with latest revisions of relevant Indian Standards or equivalent IEC standards. In addition, the Indian Electricity Rules, Electricity Act 2003,CEA Regulations, Statutory requirements of Central Govt., GERC and State Government of Gujarat(applicable codes), shall also be complied with. Any complications arising out of it will be set right by the bidder without any implication to UGVCL. The bidder shall submit his offer as per information given in submission of tender.

6.0 Drawings, Data and Documents

The bidder shall furnish following documents/ information along with offer in spiral bound volumes.

General description of equipment offered specifying the important features, make, technical parameters, materials of construction etc. To enable UGVCL to have proper understanding of the material offered and its operation.

The drawings and documents shall be furnished to UGVCL by the successful bidder for approval of UGVCL, within the period stipulated in the draft contract/mutually agreed terms at the time of

Signature of

Company Round

Date:

11 | P a g e

placement of order, the bidder shall submit a list of all such drawings and documents he proposes to submit. The list will be approved by UGVCL and may be modified, if necessary. Each drawing /document in the list shall be identified with a serial number, description and scheduled date of submission. This should be submitted in a spiral bound volumes.

On completion of installation, testing and commissioning, the bidder shall in Corporate visions/ modification if any, in the reproducible and submit ‘as built’ drawing for UGVCL’s record in spiral bound volumes and soft copy. The drawings shall be in AutoCAD DXF format.

Reference: OEM’s Complete and comprehensive instruction manuals with drawings for operation and maintenance of the equipments supplied by the bidder.

Preventive maintenance schedule for each equipment. Procedure for shutdown and HT equipment.

Safety procedures for safe operation of equipment and complete system. Test procedure for site tests.

7.0 BAR CHARTS

The Bidder shall furnish along with the bid, the bar charts in Project and project schedules indicating starting and completion dates of each activity, such as preparation & approval of drawings, manufacturing/supply/ delivery, civil works, Cable laying erection, testing, pre commissioning and commissioning etc.

Month (from the date of commencement)	Nos. of Railway Crossing (Nos)	RMU Installation (Nos)	Erection of HT Line (in KM)	Erection of NEW transformer center and Shifting (Nos)
Within 1 Month	5		1.5	5
1 to 2 Months	5	1	1.5	5
2 to 3 Months	5		1	5
3 to 4 Months	5		1	1
4 to 5 Months	5	1		
5 to 6 Months	5			
6 to 7 Months	5			
7 to 8 Months	5			
8 to 9 Months	5			
Total Work	45	2	5	16

Information of Equipment

Identification labels shall be provided on all equipments as per client's approval. All labels shall be engraved on plastic (white letters with black background) and all text shall be in English language.

Any exclusion /deviation from specification shall be clearly spelt out and listed at one place only and bidder shall substantiate the same with appropriate reasons. In the absence of clearly spelt out and mutually agreed deviation, it shall be considered that the bidder has undertaken to comply with the technical specification totally, in letter and spirit.

It will be responsibility of the successful bidder to obtain necessary approval of statutory authority as per rules of Govt. of Gujarat before energizing/ charging the equipment/system. However bidder shall be extended all assistance by the UGVCL in regard to application for the same.

For installation work at site, the bidder shall be fully responsible for arranging the supply of required tools and tackles, welding sets, cable crimping tools, labours, scaffolding, ladders, etc.

The power connection will be provided by UGVCL at one point only at the prevailing tariff, from where the bidder has to arrange for temporary connection and further distribution of supply at his own cost. The installation of energy meter, cut out, switches etc. for construction power shall be as per prevailing norms of UGVCL. The test report and other requirement to release the connection shall be as per prevailing rules of UGVCL.

On completion of the installation but before energizing the system, all installation shall be physically checked and properly tested. These checks and tests shall be conducted by the bidder under the supervision of Engineer In-charge and bidder shall furnish the final status and test results shall be made good by the bidder free of cost within contract completion period.

All clamps, brackets, bolts, nuts, screws, markers, ferrules, lugs and glands and other hardware necessary for erection work, shall include in the scope of work and shall be arranged by the bidder.

12.0 GENERAL - ERECTION CONDITIONS

The Contractor upon signing of the Contract shall, nominate a responsible officer as his representative at Site suitably designated for the purpose of overall responsibility and coordination of the works to be performed at Site. Such person shall function from the Site office of the Contractor during the pendency of Contract.

13.0 REGULATION OF LOCAL AUTHORITIES AND STATUTES

The Contractor shall comply with all the rules and regulations of local authorities during the performance of his field activities. He shall also comply with the Minimum Wages Act, 1948 and the Payment of Wages Act (both of the Government of India) and the rules made there under in respect of any employee or workman employed or engaged by him or his Sub- Contractor. He shall abide by labour laws.

All initial registration and statutory inspection fees, if any, in respect of his work pursuant to this Contract shall be borne by the contractor.

14.0 OWNER'S LIEN ON EQUIPMENT

The Owner shall have lien on all equipment brought to the Site for the purpose of cable laying, erection, testing and commissioning of the equipment to be supplied & erected under the Contract. The Owner shall continue to hold the lien on all such equipment throughout the period of Contract. No material brought to the Site shall be removed from the Site by the Contractor and/or his Sub-Contractors without the prior written approval of the Engineer. All expense for this shall be borne by the contractor.

15.0 ACCESS TO SITE AND WORKS ON SITE

Suitable access to and possession of the Site shall be afforded by the Contractor in reasonable time.

The works so far as it is carried out on the Owner's premises, shall be carried out at such time as the Owner may approve and the Owner shall give the Contractor reasonable facilities for carrying out the works.

In the execution of the works, no person other than the Contractor or his duly appointed representative, Sub- Contractor and workmen, shall be allowed to do work on the Site, except by the special permission, in writing of the Engineer or his representative.

16.0 CONTRACTOR'S SITE ESTABLISHMENT

The Contractor shall at all times keep posted an authorized representative for the purpose of the Contract. Any written order or instruction of the Engineer or his duly authorized representative shall be communicated to the said authorized resident representative of the Contractor and the representative shall be available at a stated address for this purpose.

17.0 CO-OPERATION WITH OTHER CONTRACTORS

The Contractor shall co-operate with all other Contractors or tradesmen of the Owner, who may be performing other works on behalf of the Owner and the workmen who may be employed by the Owner and doing work in the vicinity of the Works under the Contract. The Contractor shall also so arrange to perform his work as to minimize, to the maximum extent possible, interference with the work of other Contractors and their workmen. Any injury or damage that may be sustained by the employees of the other Contractors and the Owner, due to the Contractor's work shall promptly be made good at the Contractor's own expense.

18.0 DISCIPLINE OF WORKMEN

The Contractor shall adhere to the disciplinary procedure set by the Engineer in respect of his employees and workmen at Site. The Engineer shall be at liberty to object to the presence of any representative or employee of the Contractor at the Site, if in the opinion of the Engineer such employee has misconduct himself or is incompetent or negligent or otherwise undesirable and then the Contractor shall remove such a person objected to and provide in his place a competent replacement.

19.0 CONTRACTOR'S FIELD OPERATION

The Contractor shall keep the Engineer informed in advance regarding his field activity plans and schedules for carrying-out each part of the works. Any review of such plan or schedule or method of work by the Engineer shall not relieve the Contractor of any of his responsibilities towards the field activities. Such reviews shall also not be considered as an assumption of any risk or liability by the Engineer or the Owner or any of his representatives and no claim of the Contractor will be entertained because of the failure or inefficiency of any such plan or schedule or method of work reviewed. The Contractor shall be solely responsible for the safety, adequacy and efficiency of plant and equipment and his erection methods.

The Contractor shall have the complete responsibility for the conditions of the Work-site including the safety of all persons employed by him or his Sub-Contractor and all the properties under his custody during the performance of the work. This requirement shall apply continuously till the completion of the Contract and shall not be limited to normal working hours.

20.0 PROGRESS REPORT

The Contractor shall furnish three (3) copies each to the Engineer of progress including if any, photographs of the work done at Site.

The Weekly progress report detailing-out the progress achieved on all erection activities shall highlight comparison to the schedules. The report shall also indicate the reasons for the variance between the scheduled and actual progress and the action proposed for corrective measures, wherever necessary.

21.0 EMPLOYMENT OF LABOUR

The Contractor will be expected to employ on the work only his regular skilled employees with experience of his particular work. No person below the age of eighteen years shall be employed.

In case the Owner becomes liable to pay any wages or dues to Labour or any Government agency under any of the provisions of the Minimum Wages Act, Workmen Compensation Act, Contract Labour Regulation Abolition Act or any other law due to act of omission of the Contractor, the Owner may make such payment and shall recover the same from the Contractor's bills.

FACILITIES TO BE PROVIDED BY THE CONTRACTOR

Tools, tackles and scaffoldings: The Contractor shall provide all the construction equipments; tools, tackles and scaffoldings required for pre-assembly, erection, testing and commissioning of the equipment covered under the Contract. He shall submit a list of all such materials to the Engineer before the commencement of work at Site. These tools and tackles shall not be removed from the Site without the written permission of the Engineer

First-aid: The Contractor shall provide necessary first-aid facilities for all his employees, representatives and workmen working at the Site. Enough number of Contractor's personals shall be trained in administering first-aid.

Cleanliness: The Contractor shall be responsible for keeping the entire area clean and free from rubbish, debris etc. during the period of Contract. The Contractor shall employ enough number of personnel to keep the work area clean. Materials and stores shall be so arranged to permit easy cleaning of the area. In areas where equipment might drip

oil and cause damage to the floor surface, a suitable protective cover of a flame resistant, oil proof sheet shall be provided to protect the floor from such damage.

23.0 LINES AND GRADES

All the works shall be performed to the lines, grades and elevations indicated on the drawings. The Contractor shall be responsible to locate and lay-out the works. Basic horizontal and vertical control points will be established and marked by the Engineer at site at suitable points. These points shall be used as datum for the works under the Contract. The Contractor shall inform the Engineer well in advance of the times and places at which he wishes to do work in the area allotted to him so that suitable datum points may be established and checked by the Engineer to enable the Contractor to proceed with his works. Any work done without being properly located may be removed and/or dismantled by the Engineer at Contractor's expense.

24.0 FIRE PROTECTION

The work procedures that are to be used during the erection shall be those, which minimize fire hazards to the extent practicable. Combustible materials, combustible waste and rubbish shall be collected and removed from the Site at least once each day. Fuels, oils and volatile or inflammable materials shall be stored away from the construction and equipment and materials storage areas.

All the Contractor's supervisory personnel and select number of workers shall be trained for firefighting. Enough of such trained personnel must be available at the Site during the entire period of the Contract.

25.0 SECURITY

The Contractor shall have total responsibility for all equipment and materials in his custody/stores, loose, semi-assembled and/or erected by him at Site. The Contractor shall make suitable security arrangements ensure the protection of all materials, equipment and works from theft, fire, pilferage and any other damages and loss.

26.0 PRE-COMMISSIONING TRIALS AND INITIAL OPERATIONS

The pre-commissioning trials and initial operations of the equipment furnished and erected by the Contractor shall be the responsibility of the Contractor as detailed in relevant clauses of Technical Specifications. The Contractor shall provide, in addition, test instruments, calibrating devices, etc and labour required for successful performance of these trials. If it is anticipated that the above test may prolong for a long time, the Contractor's workmen required for the above test shall always be present at Site during such trials.

27.0 MATERIALS HANDLING AND STORAGE

All the equipment furnished under the Contract and arriving at Site shall be promptly received, unloaded, transported and stored in the storage spaces by the Contractor.

Contractor shall be responsible for examining all the shipment and notify the Engineer immediately of any damages, storage, discrepancy etc, for the purpose of Engineer's information only. The Contractor shall submit to the Engineer every week a report detailing all the receipts during the week. However, the Contractor shall be solely responsible for any shortages or damages in transit, handling and / or in storage and erection of the equipment at Site. Any demurrage, wharf age and other such charges claimed by the transporters, railways etc, shall be to the account of the Contractor.

The Contractor shall maintain an accurate and exhaustive record detailing out the list of all equipment materials received by him for the purpose of erection and keep such record open for the inspection of the Engineer in-charge.

All equipment shall be handled very carefully to prevent any damage or loss. The equipment stored shall be properly protected to prevent damage either to the equipment or to the floor where they are stored. The equipment from the store shall be moved to the actual location at the appropriate time so as to avoid damage of such equipment at Site.

The consumable and other supplies likely to deteriorate due to storage must be thoroughly protected and stored in a suitable manner to prevent damage or deterioration in quality by storage.

All the materials stored in the open or dusty location must be covered with suitable weatherproof and flame proof covering material wherever applicable.

28.0 PROTECTION OF PROPERTY AND CONTRACTOR'S LIABILITY

The Contractor shall be responsible for any damage resulting from his operations. He shall also be responsible for protection of all persons including members of public and employees of the Owner and the employees of other Contractors and Sub-Contractors and all public and private property.

29.0 INSURANCE

In addition to the conditions covered under the Clause entitled 'Insurance' in General Terms and Conditions of Contract, the following provisions will also apply to the portion of works to be done beyond the Contractor's own or his Sub-Contractor's manufacturing Works.

30.0 Workmen’s Compensation Insurance

This insurance shall protect the Contractor against all claims applicable under the Workmen’s Compensation Act, 1948 (Government of India). This policy shall also cover the Contractor against claims for injury, disability, disease or death of his or his Sub-Contractor’s employee, which for any reason are not covered under the Workmen’s Compensation Act, 1948. The liabilities shall not be less than:

Workmen’s-	: As per statutory Provisions
Compensation	: As per statutory Provisions
Employee’s liability	

31.0 Comprehensive General Liability Insurance

The insurance shall protect the Contractor against all claims arising from injuries, disabilities, disease or death of members of public or damage to property of others, due to any act of omission on the part of the Contractor, his agents, his employees, his representatives and Sub-Contractors or from riots, strikes and civil commotion. The hazards to be covered will pertain to all the works and areas where the Contractor, his Sub-Contractors, his agents and his employees have to perform work pursuant to the Contract. The above are only illustrative list of insurance covers normally required and it will be the responsibility of the Contractors to maintain all necessary insurance coverage to the extent both in time and amount to take care of all his liabilities either direct or indirect, in pursuance of the Contract.

32.0 UNFAVOURABLE WORKING CONDITIONS

The Contractor shall confine all his field operations to those works, which can be performed without subjecting the equipment and materials to adverse effects during inclement weather conditions, like monsoon, storms etc. and during other unfavorable construction conditions. No field activities shall be performed by the Contractor under conditions, which might adversely affect the quality and efficiency thereof, unless special precautions or measures are taken by the Contractor in a proper and satisfactory manner in the performance of such Works and with the concurrence of the Engineer. Such unfavorable construction conditions will in no way relieve the Contractor of his responsibility to perform the Works as per the schedule.

33.0 WORK & SAFETY REGULATIONS

The Contractor shall ensure proper safety of all the workmen, materials, plant and equipment belonging to him or to UGVCL or to others, working at the Site. The Contractor shall also be responsible for provision of all safety notices and safety equipment required both by the relevant legislations and the Engineer, as he may deem necessary.

All equipment used in construction and erection by Contractor shall meet Indian/International Standards and where such standards do not exist, the Contractor shall ensure these to be absolutely safe. All equipment shall be strictly operated and maintained by the Contractor in accordance with manufacturer's Operation Manual and safety instructions and as per Guidelines/rules of UGVCL in this regard.

Periodical examinations and all tests for all lifting/hoisting equipment & tackles shall be carried- out in accordance with the relevant provisions of Factories Act 1948, Indian Electricity Act 2003 and associated Laws/Rules in force from time to time. A register of such examinations and tests shall be properly maintained by the Contractor and will be promptly produced as and when desired by the Engineer or by the person authorized by him.

The Contractor shall provide suitable safety equipment of prescribed standard to all employees and workmen according to the need.

The Contractor shall provide safe working conditions to all workmen and employees at the Site including safe means of access, railings, stairs, ladders, scaffoldings etc. The scaffoldings shall be erected under the control and supervision of an experienced and competent person. For erection, good and standard quality of material only shall be used by the Contractor.

The Contractor shall not interfere or disturb electric fuses, wiring and other electrical equipment belonging to the Owner or other Contractors under any circumstances, whatsoever, unless expressly permitted in writing by UGVCL to handle such fuses, wiring or electrical equipment. Before the Contractor connects any electrical appliances to any plug or socket belonging to the other Contractor or Owner, he shall:

- a. Satisfy the Engineer Incharge that the appliance is in good working condition;
- b. Inform the Engineer Incharge of the maximum current rating, voltage and phases of the appliances;

Obtain permission of the Engineer detailing the sockets to which the appliances may be connected.

The Engineer will not grant permission to connect until he is satisfied that;

The appliance is in good condition and is fitted with suitable plug;

The appliance is fitted with a suitable cable having two earth conductors, one of which shall be an earthed metal sheath surrounding the cores.

No electric cable in use by the Contractor/Owner will be disturbed without prior permission. No weight of any description will be imposed on any cable and no ladder or similar equipment will rest against or attached to it.

No repair work shall be carried out on any live equipment. The equipment must be declared safe by the Engineer and a permit to work shall be issued by the Engineer before any repair work is carried out by the Contractor. While working on electric lines/equipment, whether live or dead, suitable type and sufficient quantity of tools will have to be provided by the Contractor to electricians/workmen/officers.

In case any accident occurs during the construction/ erection or other associated activities undertaken by the Contractor thereby causing any minor or major or fatal injury to his employees due to any reason, whatsoever, it shall be the responsibility of the Contractor to promptly inform the same to the Engineer in prescribed form and also to all the authorities envisaged under the applicable laws.

The Engineer shall have the right at his sole discretion to stop the work, if in his opinion the work is being carried out in such a way that it may cause accidents and endanger the safety of the persons and/or property, and/or equipment. In such cases, the Contractor shall be informed in writing about the nature of hazards and possible injury/accident and he shall comply to remove shortcomings promptly. The Contractor after stopping the specific work can, if felt necessary, appeal against the order of stoppage of work to the Engineer within 3 days of such stoppage of work and decision of the Engineer in this respect shall be conclusive and binding on the Contractor.

The Contractor shall not be entitled for any damages/compensation for stoppage of work due to safety reasons and the period of such stoppage of work will not be taken as an extension of time for completion of work and will not be the ground for waiver of levy of liquidated damages.

It is mandatory for the Contractor to observe during the execution of the works, requirements of Safety Rules which would generally include but not limited to following

Each employee shall be provided with initial indoctrination regarding safety by the Contractor, so as to enable him to conduct his work in a safe manner.

No employee shall be given a new assignment of work unfamiliar to him without proper introduction as to the hazards incident thereto, both to himself and his fellow employees. Employees must not leave naked fires unattended. Smoking shall not be permitted around fire prone areas and adequate firefighting equipment shall be provided at crucial location.

There shall be a suitable arrangement at every work site for rendering prompt and sufficient first aid to the injured.

Requirements of ventilation in underwater working to licensed and experienced divers, use of gum boots for working in slushy or in inundated conditions are essential requirements to be fulfilled.

The Contractor shall follow and comply with all UGVCL Safety Rules, relevant provisions of applicable laws pertaining to the safety of workmen, employees, plant and equipment as may be prescribed from time to time without any demur, protest or contest or reservations. In case of any discrepancy between statutory requirement and UGVCL Safety Rules referred above, the latter shall be binding on the Contractor

In case the Owner is made to pay such compensation then the Contractor is liable to reimburse the Owner.

34.0 CODE REQUIREMENTS

The erection requirements and procedures to be followed during the installation of the equipment shall be in accordance with the relevant Codes and accepted good engineering practice, the Engineer's drawings and other applicable Indian recognized codes and laws and regulation of the Government of India.

Section: 2

Condition of Contract (Commercial and Legal)

Section 2 : Condition of contract

Sr No	Particulars	Page No	Sr No	Particulars	Page No
1	Definition	27	26	Force Majeure	34
2	Bid Price	28	27	Taxes and Duties	35
3	Amendment tender	28	28	Statutory variation	35
4	Earnest Money Deposit	28	29	Taking over of Asset	36
5	Submission of Tender	28	30	Taxes Permits & Licensees	36
6	Information required with Proposal	29	31	Compliance of Law	36
7	Rejection of Tender	29	32	Penalty for Late Delivery	36
8	UGVCL's Right	29	33	Payment terms	37
9	Language of the tender	30	34	Taking Delivery & Insurance	39
10	Signature of Bidder	30	35	Storage cum insurance	39
11	Understanding and clarifications on Documents & Specification	30	36	Insurance	40
12	Price Basis Currency and Payments	31	37	Contract Quality assurance	41
13	Effect & Validity of tender	31	38	Change of Quantity	41
14	Evaluation and comparison of tender	31	39	Liability for Accidents & Damage	42
15	Arithmetic Error	31	40	Demmarage Wharf age etc	42
16	Award of Contract	31	41	Termination of contract on Owner's initiative	42
17	Security Deposit	32	42	Delayed & Late Tender	42
18	Guarantee	32	43	Arbitration	43
19	Performance Guarantee	33	44	Employment of Labour	43
20	Jurisdiction of Contract	33	45	Provident fund and family pension	43
21	Additional Document	33	46	Deposit linked insurance scheme	43
22	Completion Period	33	47	Administrative charges	44
23	Training	34	48	Paid leav facility	44
24	Compliance with Law	34	49	Workmen's Compensation	44
25	Accidents	34	50	Wages to be paid & Time of payment etc by the contractor	44
			51	Secrecy	44
			52	Repeat Order	44

TENDER NOTICE No. UGVCL/BULLET

1.0 DEFINITION

The "UGVCL" shall mean the UTTAR GUJARAT VIJ COMPANY LTD., having its corporate office at Visnagar Road, Mehsana-384001, with expression shall unless repugnant to the context include its permitted assigns or successor / authorized representatives.

The "Contractor" / Successful Bidders shall mean the Bidders, whose tender has been accepted by the UGVCL for award of the contract and shall include his authorized representatives.

The "Engineer-in-Charge" shall mean the authorized officer of the UGVCL to act as Engineer-in-Charge to supervise the work – for the purpose of the contract.

The "Specification" shall mean the tender forming a part of the contract along with Performa, schedules and drawings.

The "Order" shall mean the official letter issued by the UGVCL, informing the bidder that his tender has been accepted.

The "Contract" shall mean the agreement to be entered into by the UGVCL with the contractor and shall include the commercial technical and general conditions, schedules, drawings and any other conditions specifically agreed between the parties forming a part of the contract.

The "EMD" shall mean Earnest Money Deposit.

The "Contract Value" shall mean the total amount indicated in the contract agreement as per order placed by the UGVCL and calculated from the quantities indicated in the tender.

The "Completion Period" shall mean the period starting from the date of issue of "Order" and required to complete the work in all respect.

The "Work" shall mean activities to carry out for Survey work with detail report for conversion of overhead network to underground network in five Towns. **"Inspector"** shall mean the any person nominated by UGVCL from time to time to

inspect the works under the contract and/or duly authorized representative of the UGVCL.

"Letter of Award" shall mean the official notice issued by the UGVCL notifying the contractor that his bid has been accepted.

"Date of Contract" Shall mean the date on which Letter of award has been issued.

"Month" shall mean the calendar month day or days unless herein otherwise expressly defined shall mean calendar day or days of 24 hours each.

"A Week" shall men the continuous period of seven days. HT means High Tension,LT means Low Tension, U/G means Under Ground.

TENDER NOTICE No. UGVCL/BULLET

2.0 BID PRICE

The bidder shall quote in the appropriate schedule of bid form on item rate bases for entire scope of the work.

Prices quoted should be FIRM and on F.O.R. Destination basis (i.e. any of the stores of COMPANY in Gujarat). However, the Tenderer should indicate in the Schedule- “B” (i.e. Price Bid), the break-up of Total Unit F.O.R. Destination Prices and Total Unit End Cost with GST and Cess as applicable stating the Unit Ex-works price, freight, packing

& forwarding charges, Insurance Charges, GST and Cess as applicable Separately in price bid, which is a must.

If the Supplier/Contractor has opted for the Composition scheme of GST, the same must be clearly specified with valid Declaration & self-certified Certificate from Department. In the event of withdrawal/cessation of the Supplier from Composition scheme during the tenure of the contract, the rate (i.e. Price) mentioned in the price bid shall be final and any additional GST will have to be borne by the tenderer himself. In no case additional amount towards GST or otherwise will be paid / reimbursed to supplier/contractor. Further Statutory Variation clause will not be applicable in case of Supplier / Contractor has opted for Composition Scheme under GST.

Also, please mention separate applicable HSN / SAC Code and rate of GST and Cess as applicable for each item of Goods/Service. If not specifically mentioned then COMPANY will have the option to take the prices as exclusive of taxes and duties at maximum higher slab rates for the evaluation of the tenders.

The offered prices to be indicated in online mode of tender in the format given (i.e. Schedule-B). The price bid submitted in physical mode shall not be considered.

The Tenderer should invariably indicate the total unit end cost price considering all their costs / calculations in the Price bid itself for each item and all sub-items if any. This is a must. Cost components hidden / furnished elsewhere will not be considered and will be ignored out rightly.

Every bidder shall inform their GSTIN No. of the registered place(s) wherefrom the bidder intends to supply the goods / a service, meaning thereby the bidder has to supply the goods / services from the relevant declared / registered place of supply only.

3.0 AMENDMENT TENDER.

At any time prior to the deadline for submission of bids, UGVCL may, for any reason, whether at its own initiative or in response to a clarification requested by a respective bidder, modify the bidding documents by amendments.

The amendment will be notified on Websites. UGVCL will bear no responsibility or liability arising out of noncompliance of the same in time or otherwise.

Such amendments, clarification etc. shall be binding on the bidders and will be given due consideration by the bidders while they submit their bids and invariably enclose such documents as a part of the bid.

TENDER NOTICE No. UGVCL/BULLET

4.0 Earnest Money Deposit

The EMD is payable by Demand Draft in favor of the Uttar Gujarat Vij Company Limited payable at Ahmedabad on any scheduled/Nationalized banks or through Bank guarantee from any scheduled nationalized bank decided by Government of Gujarat time to time.

EMD of the successful bidder to whom a contract is awarded will be returned after the said bidder provides the contract Security Deposit and signs the contract agreement.

If the successful bidder fails to submit a Security Deposit within 15 days after the date of LOA of the contract or fails to sign the contract agreement then the EMD amount will be forfeited by UGVCL without any notice or proof of damages etc.

The EMD of all unsuccessful bidders except that of the successful bidder will be returned after the award of the contract.

No interest will be payable by the UGVCL on the above Deposit.

Validity of EMD (six) 6 months from the date of submission of bid for this tender.

5.0. SUBMISSION OF TENDERS.

The Bidders must ensure that all the schedules are completely filled in their tenders and the information called for is given in totality. A set of complete tender documents is required to be submitted duly signed and stamped by authority competent to sign on behalf of bidder on each page as a token of unconditional acceptance to the conditions of various clauses of tender documents. The bidder's bid and the documents attached there to shall be considered for forming part of the contract documents.

The outside of the envelope should also indicate clearly the name of the Bidder and his address. In addition the left hand corner of the envelope or container should indicate the tender number and the bid opening date and time.

The Bidder has to send the Technical Bids by RPAD or speed post **and PRICE BID ON LINE** only,

Bids submitted after the time and date fixed for the receipt of bids as set out in the INVITATION to bid, shall be rejected.

The UGVCL reserves the right to reject any bid, which is not deposited according to the instructions, stipulated above.

6.0 Information required with the proposal:

The bids must clearly indicate the name of the manufacturer, the type and/or model of each principal item of equipment proposed to be furnished and erected. The bid should also contain drawings and descriptive materials indicating general dimensions, materials from which the parts are manufactured, principles of operation, the extent of pre-

TENDER NOTICE No. UGVCL/BULLET

assembly involved, major construction equipment proposed to be deployed, method of erection and the proposed erection organizational structure.

The above information shall be provided by the Bidder in the form of separate sheets, drawings, enclosed etc. **in two copies** along with soft copy.

6.2.1 Any bid not containing sufficient descriptive material to describe accurately the equipment proposed may be treated as incomplete and hence rejected. Such descriptive materials and drawings submitted by the Bidder will be retained by the Owner. Any major departure from these drawings and descriptive material submitted will not be permitted during the execution of the Contract without specific written permission of the Owner.

Oral statements made by the Bidder at any time regarding quality, quantity or arrangement of the equipment or any other matter will not be considered.

Standard catalogue pages and other documents of the Bidder may be used in the bid to provide additional information and data as deemed necessary by the Bidder.

The Bidder, along with his Proposal, shall submit a list of recommended erection equipment and materials which will be required for the purpose of erection of equipment and materials supplied under the Contract.

In case the 'Proposal' information contradicts specification requirements, the specification requirements will govern, unless otherwise brought out clearly in the technical commercial deviation schedule.

The materials should be offered strictly confirming to ISS/BIS/Tender specifications given in the tender. If the tenderer's desires to quote with any technical deviation they should specifically quote the deviation and the ISS/BIS numbers in the body of the tender itself under the Annexure 15 of e-tender only.

If technical deviation furnished by the tenderer are not agreeable to UGVCL, the offers may be ignored. However it will be solely at UGVCL discretion to consider the technical deviation OR not for considering the Tenderer. No correspondences of the Tenderer after opening of the bid will be entertained in this matter.

7.0. REJECTION OF TENDER:

The Bidders is expected to examine all instructions, terms, conditions, schedules and other details called for in this specification and keep himself fully informed about all which may, in any way, affect the work, or cost thereof. Failure to furnish the required information or submission of tender not as per the specification will be at the Bidders risk may result in rejection.

The offer is liable summarily rejected if it contains,
Deviation/Addition/Alternations/Omissions in bidding
schedules.

TENDER NOTICE No. UGVCL/BULLET

Deviation and contradictions to the terms and conditions specified in this tender.

8.0 UGVCL'S RIGHT

The UGVCL reserves the right to terminate this contract or part thereof at any time during its tendency without giving notice of Termination or the reasons thereof.

The Bidders shall specifically note that any over writing or corrections or manuscript in the bid shall be ignored and will not be considered authentic unless same are signed with Bidder's Stamp/Seal

UGVCL reserves the right to split the contract into two or more bidders. In such cases, the term for completion period will be negotiated and reduced proportionate to the order quantity

/ value.

In case of any doubt or interpretation of the terms and condition, the decision of the EXECUTIVE ENGINEER , UTTAR GUJARAT VIJ COMPANY LTD. Sabarmati will be final and binding upon the Bidders and no dispute in this regard will be entertained.

UGVCL reserves the right to accept any bid or reject any or all Tenders or cancel /withdraw RE INVITATION to bid without assigning any reason. Such decision of the UGVCL shall not be subject to question by any Bidders and the UGVCL shall bear no liability whatsoever for such decision.

9.0 LANGUAGE OF THE TENDER

All information in the bid shall be in English. Information in any other language shall be accompanied by its translation in English. Failure to comply with this may disqualify a bid. In the event of any discrepancy in meaning, the English language copy of all documents shall govern.

10.0 SIGNATURE OF BIDDER

The bid must contain the name, residence, address and place of business of the person or persons making the bid and must be signed and sealed by the bidder with his usual signature. The name of all persons signing should also be typed or printed below the signature.

Bids by corporation/ company must be signed with the legal name of the corporation/ company by the President, Managing Director or by the Secretary or other person or persons authorized to bid on behalf of such corporation/ company in the matter.

A bid by a person who affixes to his signature the word 'President', 'Managing Director' 'Secretary', 'or other designation without disclosing his principal will be rejected.

TENDER NOTICE No. UGVCL/BULLET

Satisfactory evidence of authority of the person signing on behalf of the Bidder shall be furnished with the bid.

The Bidder's name stated on the tender shall be exact legal name of the firm.

Erasures or other changes in the bid documents shall be over the initials of the person signing the bid.

11.0 UNDERSTANDING AND CLEARIFICATIONS ON DOCUMENTS AND SPECIFICATIONS.

The Bidder is required to carefully examine the specifications and documents and fully inform himself as to all the conditions and matters which may in any way affect the Work or the cost thereof. If any Bidder finds discrepancies or omissions in the specifications and documents or is in doubt as to the true meaning of any part, he shall at once request in writing for an interpretation/clarification by the UGVCL. The UGVCL, then, will issue interpretation and clarifications as he may think fit of such interpretations and clarifications, the Bidder may submit his bid but within the time and date as specified in the INVITATION to Bid. All such interpretations and clarifications shall form a part of the specifications and documents, and accompany the bidder's proposal.

Verbal clarifications and information given by the UGVCL or his employee(s) or his representative(s) shall not in any way be binding on the UGVCL.

12.0. PRICE BASIS CURRENCY AND PAYMENTS.

Bidder shall indicate bid prices in Indian Rupees only.

13.0 EFFECT AND VALIDITY OF TENDER

The bid should be kept valid for a period of 120 DAYS from the date set for opening of the technical bid.

14.0. EVALUATION AND COMPARISON OF TENDERS

Generally the bids received and accepted will be evaluated by the UGVCL to ascertain the best and lowest evaluated bid in the interest of the UGVCL, for the complete works covered under these specifications and documents.

Bid price shall mean the bid price quoted by each bidder in his bid for the complete scope of works.

i.e. sum total of amount quoted for all the items will be considered for comparison of price bids.

TENDER NOTICE No. UGVCL/BULLET

15.0. Arithmetical Errors

Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between words and figures, the amount in words will prevail. If there is discrepancy between the unit price and the total price which is obtained by multiplying the unit price and quantity, or between sub-total and the total price, the unit or sub-total price shall prevail, and the total price shall be corrected. In case of discrepancy between sub-total price obtained by adding various prices in the schedule and the sub-total price indicated for that particular schedule, the sub-total obtained by addition of various arithmetically corrected prices would be considered for evaluation.

However, the UGVCL shall be entitled to award the contract at the lowest of the prices arrived at from various schedules, identified for that purposes, in the bid proposal sheets. If the bidder does not accept the correction of the errors as above, his bid will be rejected.

16.0. AWARD OF CONTRACT

- 16.1 Notification of award of contract will be made in writing to the successful bidder by the UGVCL.
- 16.2. The contract will be awarded to the best qualified and responsive bidder offering the lowest evaluated bid in conformity with requirements of these specifications and documents and UGVCL shall be the sole judge in this regard and subject to the provisions of these instructions to bidders and other terms and conditions detailed out in these documents and specifications. A responsive bid is one which accepts all terms and conditions of these specifications and documents without any modifications.
- 16.3 UGVCL Reserves the right to award separate contract to two or more parties in line with the terms and conditions specified in the specification.

17.0 Security Deposit:

The successful bidder should be paid Security Deposit within 15 days after receipt of LOA for an amount equal to 10% (Ten percent) of the total Contract Price towards faithful performance of the Contract in accordance with the terms and conditions specified therein.

The Security deposit is payable the option of UGVCL by (a) Demand Draft on any Nationalized /schedule Bank Payable at Sabarmati, Ahmedabad (b) Bank Guarantees from Nationalize bank and private bank authorized to take Government business viz IDBI, Axis, HDFC, ICICI bank approved by GOG time to time in favor of UGVCL,

In the case of Bank Guarantee, you should undertake to renew the guarantee one-month before the expiry of the validity date failing which UGVCL will encase the Bank Guarantee

The Security Deposit will be returned to the Contractor without any interest after the successful completion of work and submission of the Performance Guarantee.

TENDER NOTICE No. UGVCL/BULLET

20.0 JURISDICTION OF CONTRACT

The laws applicable to the contract shall be the laws in force in India. The courts of Ahmedbad shall have exclusive jurisdiction in all matters arising under this contract.

Additional Documents:

Apart From various documents to be furnished along with the Bid as required in the ITB and GCC, the following documents and details are to be furnished by the Bidder:

- GSTIN Registration No. and date
- Details of Partners/Directors of the Firm/Company.
- Detail of Manufacturing/Fabrication facilities
- Electrical Contractor License
- Factory Registration/license details
- GSTIN Registration number
- PAN Number
- PF registration number
- Vendor Registration number

22.0 COMPLETION PERIOD

The execution of this contract shall be completed within 6 months after commencement period of 45 days from the date of receipt of letter of acceptance (LOA) .

The commencement period shall be reckoned form the date of receipt of LOA.

The work shall be carried out in parallel (Supply + Erection).

All approvals of drawings for trench, Plinth for FMSP & RMU, type tests, material supplier vendors etc. shall have to be completed during commencement period.

23.0 Training:

Successful bidder shall have to arrange a one day physical training at their expense covering aspects of erection, O&M, testing & commissioning of RMU, C.B, FSP, for each equipment. This training program is to be organized prior to erection of these equipments. Complete training materials in soft & hard copy shall be given to participants

TENDER NOTICE No. UGVCL/BULLET

Compliance with Laws:

- a) The Contract shall in all respects be interpreted in accordance with the laws in force in India, including any such laws passed or made or coming into force during the period of the Contract.
- b) The Contractor shall be fully responsible for deducting the P.F. of the employees/labour Working under him as per statutory regulations and depositing the same with the concerned authorities.
- c) The Contractor shall comply with the relevant laws of India.

25.0 Accidents:

The Contractor shall be liable for and shall indemnify the Employer against all losses, expenses or claims arising in connection with the death of or injury to any person employed of the Contractor or his sub-Contractors for the purposes of the Works.

Force Majeure.

Force Majeure means any circumstances beyond the control of the parties including:

- War and other hostilities, (whether war be declared or not), invasion, act of foreign enemies, mobilization, requisition or embargo;
- Ionizing radiation or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel, radioactive toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear components thereof;
- Rebellion, revolution, insurrection, military or usurped power and civil war;
- Riot, commotion or disorder, except where solely restricted to employees of the Contractor.
- Neither party shall be considered to be in default or in breach of his obligations under the Contract to the extent is that performance of such obligations prevented by any circumstances of Force Majeure that arise after the date of the Notification of Award.
- If either party considers that any circumstances of Force Majeure have occurred which may affect performance of his obligations he shall promptly notify the other party.
- Upon the occurrence of any circumstances of Force Majeure, the Contractor shall endeavor to continue to perform his obligations under the Contract so far as reasonably practicable. The Contractor shall notify the Engineer-in-Charge of the steps he proposes to take including any reasonable alternative means for performance, which are not prevented by Force Majeure. The Contractor shall not take any such steps unless directed so to do by the Engineer-in-Charge.
- If circumstances of Force Majeure have occurred and shall continue for a period of 180 days, notwithstanding, the Contractor may by reason thereof, having been granted an

TENDER NOTICE No. UGVCL/BULLET

extension of Time for Completion of the Works, either party shall be entitled to serve upon the other, 30 days' notice to terminate the Contract. If at the expiry of the period of 30 days Force Majeure shall continue, the Contract shall terminate.

27.0 Taxes and Duties:

Bought out items from vendors/sub-suppliers:

All levies, duties, GST etc. payable on equipment/material components, sub- assemblies, raw materials and any other items used for the bidder's consumption or dispatched directly to the owner from its sub-supplier and any such taxes, duties levies additionally payable shall be to bidders account and no separate claim on this behalf shall be entertained by the UGVCL.

UGVCL's GSTIN Registration Nos. is as under;

GSTIN :- 24AAACU6551F1ZI

The bidder shall be liable and responsible for payment of all taxes as attracted under the Provisions of the law.

“In case any tax or duty is newly introduced by the Government applicable for this contract with effect from the next day of the date submission of the bid and if the contractor is required to pay new tax or duty, then the owner shall reimburse the contractor the new tax or duty so paid by the contractor against submission by the contractor of documentary evidence to the satisfaction of the owner.”

At the time of payment, statutory deduction will be made as per applicable rules and rates for TDS, etc. All other statutory liabilities towards contract will be on the part of contractor.

Before quoting, the bidder may ascertain from the concerned tax authorities of Government the applicability of GST etc. in respect of this work. No separate claim in this regard will be entertained by the UGVCL, as it is the responsibility of the Bidder to pay all these taxes.

27.8 Goods and Service Tax (GST):

The F.O.R. Destination prices are excluding GST and Cess as applicable which will be paid extra on a given taxable goods and/or services within the original contractual delivery period. The amount of GST/ and Cess as applicable should clearly be indicated separately. (GST/Cess means all applicable Tax/Cess under GST Laws. GST Laws means IGST Act, GST (Compensation to the State for Loss of Revenue) Act, CGST Act, UTGST Act and SGST Act, 2017 and all related ancillary legislations).

TENDER NOTICE No. UGVCL/BULLET

You shall have to submit a C.A Certificate & duly authorized Signatory of successful bidder, certifying that you have not claimed Refund of any applicable GST/ and Cess, charged to COMPANY or shall not claim any such Refund, on a future date, from the concerned Authorities and if, any Refund, in respect of such GST/ and Cess, is claimed by you, it will be immediately passed on to the COMPANY, without /COMPANY making any specific Claim, for the same, either from the Department or from you.

The offers having price INCLUSIVE OF GST and Cess is likely to be rejected if the rate of GST and Cess is not mentioned clearly unless the bidder has opted for Composition Scheme under GST Act, which should be clearly indicated in the price bid. /COMPANY may at its discretion consider such offer with presumption of highest applicable rate of GST/Cess prevailing when the price quoted is inclusive of GST and Cess.

If the Supplier/Contractor has opted for the Composition scheme of GST, the same must be clearly specified with valid Declaration & Certificate from Department. In the event of withdrawal/cessation of the Supplier from Composition scheme during the tenure of the contract, the rate mentioned in the price bid shall be final and any additional GST will have to be borne by the tenderer. In no case additional amount towards tax or otherwise will be paid / reimbursed to supplier/contractor. Further Statutory Variation clause will not be applicable in case of Supplier / Contractor has opted for Composition Scheme under GST.

Supplier/Contractor should charge GST in Invoice at the rate as agreed to mention in acceptance of tender only and any deviation in the same shall not be accepted. Further, any additional liability of GST (later on due to wrong mentioning of GST rate, mis-interpretation of HSN/SAC Code, etc.) over and above as charged in the invoice shall be borne by the Supplier/Contractor. However, any refund received by the supplier / contractor on account of GST charged from the company; such refund shall have to be passed on to the company, along with interest if any. Such refund along with interest needs to be passed on suo-moto by the supplier / contractor.

Further, the Company has a right to recover the amount of GST along with penal interest at the rate of 15% per annum if GST charged is not paid / short paid to the government or fail to upload the details or uploads inaccurate particulars on GSTIN portal by the Supplier / Contractor within the stipulated time limit.

In case, Govt. revises the rate of GST rate / Code during the tenure of the contract, the provision of GUVNL's statutory variation clause shall apply.

INPUT TAX CREDIT BENEFIT

In the event of any statutory increase in the rate of Input Tax Credit and / or due to inclusion of any other additional item of their inputs / input services under the ambit of the Input Tax Credit provisions under the GST Act, subsequent to the date of submission of the offer, the same should be passed on to COMPANY and you should inform such changes to COMPANY from time to time

TENDER NOTICE No. UGVCL/BULLET

28.0 STATUTORY VARIATION:

Any statutory increase or decrease in the taxes and duties including GST and Cess as applicable or in the event of introduction of new tax/cess or cessation of existing tax/cess in the taxes subsequent to your offer if it takes place within the contract period will be UGVCL account subject to the claim being supported by documentary evidence. However if any decrease takes place during contract period the advantage will have to be passed on UGVCL.

Statutory Variation clause shall not be applicable in case of Supplier / Contractor has opted for Composition Scheme under GST.

29.0 Taking over of Asset:

After successful completion and charging of the line the entire newly created network is to be handed over to the concern deputy engineer of UGVCL. The taking over note covering the details of all the materials used and total work executed must be signed jointly by the bidder and UGVCL Engineer. Copy of taking over note must be attached along with final bill.

The contractor shall arrange to hand over the complete line and all work immediately on completion of entire work dully getting approval inspection and charging for newly created network of electrical inspector therefore.

30.0 TAXES, PERMITS & LICENCES

The Contractor shall be liable and pay all foreign taxes, duties, levies lawfully assessed against the Owner or the Contractor in pursuance of the Contract. In addition the Contractor shall be responsible for payment of all Indian duties, levies and taxes lawfully assessed against the Contractor for his personal income & property only.

Income Tax -TDS

“Income-tax at source at the prevailing rate will be deducted from bills in accordance with the provision of Income-Tax Laws and to that effect a certificate will be issued to the contractor, however added as contractor has to submit separate invoice for supply parts item as well as works part item separately, otherwise TDS will be deducted on entire invoice value.”

31.0. Compliance of Laws

The successful bidder will certify that he has complied with the provisions of Industrial & Labor Laws including PF Act, ESI Act etc. as may be applicable. Copy of challans of PF related to be submitted along with bill.

TENDER NOTICE No. UGVCL/BULLET

PENALTY FOR DELAY:

32.0 PENALTY FOR LATE DELIVERY:

The time limit allowed for carrying out the work as entered in tender shall strictly observed by the contractor. The work shall throughout the stipulated period of contract proceeds with due diligence (time being essence of the contract).

Penalty shall be @ 0.5% per week or part thereof on delayed portion subject to maximum 10% of the delayed portion order value (End Cost) in case of supply only, whereas in case of Projects, the ceiling shall be with reference to total contract value of the project (Supply + Erection + Civil). For calculating the delayed portion, date of actual receipt of material at store shall be considered.

The penalty will be invariably deducted from the bill of the contractor and no refund will be given unless the competent authority approved the waiver/ reduction in penalty.

Due consideration will be given for waiver / levy of penalty only for the reasons absolutely beyond contractor control (e.g. Force Majeure conditions as laid down in the DGS & D, Clause reproduced hereunder) for which documentary evidence will have to be provided.

The request for extension in time limit giving reasons and supporting documents shall have to be made by the contractor within one month on completion of the contract.

The request made after one month on completion of the contract shall not be entertained and rejected out rightly without any correspondence.

No request for waiver / levy of penalty will be entertained / reviewed during the execution of order.

“D.G.S & D. FORCE MAJEURE CLAUSE”

“If, at any time during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any war, hostility, act of the public enemy, civil commotion, sabotage fires, floods, explosion, epidemics, quarantine restrictions, strikes lockouts or acts of God (hereinafter referred to as event)”, then provided notice of the happening of any such event is given by either party to the other within twenty one days from the date of occurrence there of neither party shall by reason of such event be entitled to terminate this contract nor shall either party shall have any claim for damages against the other in respect of such nonperformance of delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such event has come to end or ceased to exist, and the decision of the Managing Director as to whether the deliveries have been so resumed or not shall be final and conclusive.

Extension in Contractual Period:

It will be Contractor’s responsibility to ensure that work is completed in stipulated time limit. However, if on account of reasons beyond ones control as laid down in the DGS & D Force Major Conditions, UGVCL may consider extension of contractual period with or without statutory variations and with or without price variation.

However, time limit extensions will be considered only after execution of the contract fully and upon submission of documentary evidence for the reasons of delay with the approval of competent authority.

TENDER NOTICE No. UGVCL/BULLET

33.0 Payment Terms:

The payment to the Contractor for the performance of the works under the Contract will be made by the Owner as per the guidelines and conditions specified herein. All payments made during the Contract shall be through RTGS/NEFT only. The final payment will be made on completion of all Works and on fulfillment by the Contractor of all his liabilities under the Contract.

Currency of Payment

All payments under the Contract shall be in Indian Rupees only.

The bills along with required documents for work executed including cost of material consumed is to be prepared in Quadruplicate and submitted 03 copies to the Executive Engineer, of respective Division, who will in turn process the same and forward it to corporate office through circle office for necessary payment. The bills shall be serially numbered.

The contractor has to submit the final bill along with the material consumption statement along with other required data of the work carried out within 3 months from the date of completion of work.

For non-submission or part submission of above information, no bills shall be processed.

Billing and breakup:

Price breakup for supply items will be considered only for billing purpose & not for actual payment. Payment for equipments supplied shall be released as per price schedule given in the tender specifications.

DEDUCTIONS FROM CONTRACT PRICE

All costs, damages or expenses which the Owner may have paid, for which under the Contract the Contractor is liable, or any other retention award will be claimed by the Owner. All such claims shall be billed by the Owner to the Contractor regularly as and when they fall due. Such bills shall be supported by appropriate and certified vouchers or explanations, to enable the Contractor to properly identify such claims. Such claims shall be paid by the Contractor within thirty (30) days of the receipt of the corresponding bills and if not paid by the Contractor within the said period, the Owner may then deduct the amount, from any monies due or becoming due by him to the Contractor under the Contract or may be recovered by sections of Law or otherwise.

Terms of Payment

The payment for materials to be procured and duly erected.

Regular payments to be made against R.A. bill will be submitted in interval of two months only after completion of all the specified activities complete for each occasion & the work for the next stage is kept continued.

90% of the Bills plus 100% GST and Cess as applicable will be processed and paid after completion of all the procedure of bills.

TENDER NOTICE No. UGVCL/BULLET

The each and every bill will be submitted at respective division and checked by Division office and forwarded to corporate office through circle office for payment.

The contractor has to submit total material account along with final quantities of work executed for each item. Location wise inventory of all the material used is to be submitted in detail. It is mandatory to submit copy of electrical inspector inspection report before charging. All required documents including EPF should be produced by the contractor along with every bill submitted for passing the payment. Balance 10% payment shall be made after the work is completed and the line is handed over and accepted by the Engineer.- in-Charge in all respects subject to furnishing of performance guarantee of equivalent amount for the guarantee period.

The order value is based on the quantity, unit rates and values quoted and shall be subject adjustment based on actual quantities executed and certified by the engineer-in-charge.

Payment of the actual material used and work done will be paid to you on above basis. The bill shall be recorded by concern SDO and shall be scrutinized at Division and Circle level and payment shall be made by concern Circle office.

34.0 TAKING DELIVERY AND INSURANCE:

The contractor has to keep all materials in safe custody and transport to the respective sites and will be fully responsible for any damage to or loss of all materials at any stage during transportation or erection till taking over by UGVCL

The Contractor has to open site store and ensure for safe custody of all the stored materials at his own cost.

The Contractor shall have total responsibility for the entire materials stored, loose, semi assembled and/or erected by him at site in his custody. The Contractor shall make suitable security arrangements at his own cost to ensure the protection of all materials, equipment and works from theft, fire pilferage and any other damages and loss. It shall be the responsibility of the contractor to arrange for security till the works are finally taken over by the UGVCL

35.0 STORAGE-CUM-INSURANCE:-The contractor shall take suitable storage-cum-erection insurance cover at his cost to the extent of 100 % cost of materials, which are required to complete the work. Contractor shall have to take comprehensive insurance policy against any loss, damage, theft, pilferage, fire etc. for the complete period of storage, erection and Commissioning up to the time of taking over by UGVCL. The Contractor shall deal directly and pursue the claim with the Insurance Company and shall be responsible in regard to maintenance of all insurance coverage as well as for settlement of claim. The proof of insurance policy taken by the successful Contractor shall be furnished to respective Executive Engineer. In absence of the above insurance policy, R.A. Bill payment will be withheld.

TENDER NOTICE No. UGVCL/BULLET

In the event of any damage, theft, loss, pilferage, fire etc., Contractor will be responsible to lodge, pursue and settle all the claims with the Insurance Company for all items, materials and the UGVCL shall be kept informed about it. Contractor shall replace the lost

/ damaged materials / items promptly irrespective of the settlement of the claims by underwriter and ensure that the work progress is as per agreed schedule. The loss, if any, such replacement will have to be borne by the Contractor and UGVCL will not entertain any claim / representation in this regard. However it will be contractor's responsibility to insure the entire project is taken over by the UGVCL.

36.0 Insurance:

The Bidder's insurance liabilities pertaining to the scope of Works are detailed out in Clauses titled Insurance Bidder's attention is specifically invited to these clauses. Bid price shall include all the costs in fulfilling all the insurance liabilities under the Contract.

The Contractor at his cost shall arrange, secure and maintain all insurance as may be pertinent to the Works and obligatory in terms of law to protect his interest and interests of the Owner against all perils detailed herein. The form and the limit of such insurance as defined herein together with the under-writer in each case shall be acceptable to the Owner. However, irrespective of such acceptance, the responsibility to maintain adequate insurance coverage at all time during the period of Contract shall be of Contractor alone. The Contractor's failure in this regard shall not relieve him of any of his contractual responsibilities and obligations. The insurance covers to be taken by the Contractor shall be in the name of the Contractor. The Contractor shall, however, be authorized to deal directly with Insurance Company or Companies and shall be responsible in regard to maintenance of all insurance covers. Further the insurance should be in freely convertible currency.

Any loss or damage to the equipment during handling, transportation, storage, erection, putting into satisfactory operation and all activities to be performed till the successful completion of commissioning of the equipment shall be to the account of the Contractor. The Contractor shall be responsible for preference of all claims and make good the damages or loss by way of repairs and/or replacement of the equipment, damaged or lost. The transfer of title shall not in any way relieve the Contractor of the above responsibilities during the period of Contract. The Contractor shall provide the Owner with copy of all insurance policies and documents taken out by him in pursuance of the Contract. Such copies of documents shall be submitted to the Owner immediately after such insurance coverage. The Contractor shall also inform the Owner in writing at least sixty (60) days in advance regarding the expiry/cancellation and/or change in any of such documents and ensure revalidation, renewal etc., as may be necessary well in time.

The perils required to be covered under the insurance shall include, but not be limited to fire and allied risks, miscellaneous accidents (erection risks) workman compensation

TENDER NOTICE No. UGVCL/BULLET

risks, loss or damage in transit, theft, pilferage, earth quake, riot and strikes and malicious damages, civil commotion, weather conditions, accidents of all kinds, etc. The scope of such insurance shall be adequate to cover the replacement/reinstatement cost of the equipment for all risks up to and including delivery of goods and other costs till the equipment is delivered at Site. The insurance policies to be taken should be on replacement value basis and/or incorporating escalation clause. Notwithstanding the extent of insurance cover and the amount of claim available from the underwriters, the Contractor shall be liable to make good the full replacement/rectification value of all equipment/materials and to ensure their availability as per project requirements.

All costs on account of insurance liabilities covered under the Contract will be on Contractor's account and will be included in Contract Price, However, the Owner may from time to time, during the pendency of the Contract, ask the Contractor in writing to limit the insurance coverage, risks and in such a case, the parties to the Contract will agree for a mutual settlement, for reduction in Contract price to the extent of reduced premium amount. The Contractor, while arranging the insurance shall ensure to obtain all discounts on premium which may be available for higher volume or for reason of financing arrangement of the project.

The clause entitled 'Insurance' covers the additional insurance requirements for the portion of the works to be performed at the Site.

37.0 Contract Quality assurance:

The Bidder shall include in his proposal the Quality Assurance Programme containing the overall quality management and procedures which he proposes to follow in the performance of the Works during various phases as detailed in relevant clause of the General Technical Conditions.

At the time of Award of Contract, the detailed Quality Assurance Programme to be followed for the execution of the Contract. UGVCL reserve the right to test materials/equipments at ERDA laboratory at any stage of contract.

The Bidder shall clearly specify the list of sub-vendors from whom the bought out items are being supplied. Such details shall be accompanied by their list of previous supplies made performance reports etc. However, in case of orders are placed, specific approval shall be obtained from the owner for the vendor supplied materials. The quality assurance program shall be furnished for each material separately for approval.

TENDER NOTICE No. UGVCL/BULLET

38.0 CHANGE OF QUANTITY

During the execution of the Contract, the Owner reserves the right to increase or decrease the quantities of items under the Contract but without any change in unit price or other terms & conditions. Such variations unless otherwise specified in the accompanying GCC and/or Technical Specifications, shall not be subjected to any limitation for the individual items but the total variations in all such items under the Contract shall be limited to the extent of 30%(Thirty Percent) of the contract price by way of suitable amendment to the contract.

The Contract price shall accordingly be adjusted based on the unit rates available in the Contract for the change in quantities as above. The base unit rates, as identified in the Contract shall however remain constant during the currency of the Contract, In case the unit rates are not available for the change in quantity, the same shall be subjected to mutual agreement.

As this is an EPC contract, engineering work will be done by the Contractor. Responsibility of material will be that of the contractor.

39.0 LIABILITY FOR ACCIDENTS AND DAMAGES

Under the Contract, the Contractor shall be responsible for loss or damage to the plant until the successful completion of commissioning as defined elsewhere in the Bid document.

40.0 DEMURRAGE, WHARFAGE, ETC.

All demurrage, wharf age and other expenses incurred due to delayed clearance of the material or any other reason shall be to the account of the Contractor.

41.0 TERMINATION OF CONTRACT ON OWNER`S INITIATIVE

The Owner reserves the right to terminate the Contract either in part or in full due to reasons other than those mentioned under clause entitled ‘Contractor’s Default’. The Owner shall in such an event give fifteen (15) days’ notice in writing to the Contractor of his decision to do so.

The Contractor upon receipt of such notice shall discontinue the work on the date and to the extent specified in the notice, make all reasonable efforts to obtain cancellation of all orders and Contracts to the extent they are related to the work terminated and terms satisfactory to the Owner, stop all further sub-contracting or purchasing activity related to the work terminated, and assist Owner in maintenance, protection, and disposition of the works acquired under the Contract by the Owner. In the event of such a termination the Contractor shall be paid compensation, equitable and reasonable, dictated by the circumstances prevalent at the time of termination.

TENDER NOTICE No. UGVCL/BULLET

If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies and if the Contractor is a partnership concern and one of the partners dies then unless the Owner is satisfied that the legal representatives of the individual Contractor or of the proprietor of the propriety concern and in the case of partnership, the surviving partners, are capable of carrying out and completing the Contract the Owner shall be entitled to cancel the Contract as to its in completed part without being in any way liable to payment of any compensation to the estate of deceased Contractor and/or to the surviving partners of the Contractor's firm on account of the cancellation of the Contract. The decision of the Owner that the legal representatives of the deceased Contractor or surviving partners of the Contractor's firm cannot carry out and complete the Contract shall be final and binding on the parties. In the event of such cancellation the Owner shall not hold the estate of the deceased Contractor and/or the surviving partners of the estate of the deceased Contractor and/or the surviving partners of the Contractor's firm liable to damages for not completing the Contract.

42.0 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 of any other reasons and company shall not assume any responsibility for late receipt of tender. Any correspondence in the matter will not be entertained.

43.0 Arbitration

All questions, disputes or differences whatsoever, which may, at any time, arise between the parties i.e. UGVCL and the contractor upon or in relation to or in connection with the Contract shall be referred to sole Arbitrator appointed by the Managing Director UGVCL for that purpose, who shall be retired High Court Judge or a retired District Judge and the decision of the said Arbitrator shall be final and binding upon the parties.

Reference to the Arbitrator shall be final and binding upon the parties governed by the provisions of The Arbitration & Conciliation Act, 1996 as amended from time to time and the Rules made there under. The Arbitration proceedings shall be conducted at Ahmedbad, Corporate Office of UGVCL or at any such place as the sole Arbitrator may determine. The award of the sole Arbitrator shall be final and binding upon the parties.

Performance under this contract shall, if reasonably possible, continue during the Arbitration proceedings and no payments due or payable by UGVCL shall be withheld unless they are the subject matter of the Arbitration proceeding.

Employment of Labour

- Persons below the age of 18 years shall not be employed for the work. No female worker shall be employed in the night shift between 07.00 p.m. and 06.00 a.m. next day.
- Contractor shall maintain a valid labour license under the Contract Labour (Regulation and Abolition) Act for employing necessary manpower required by him. In the absence

Signature of

Company Round

Date:

66 | Page

TENDER NOTICE No. UGVCL/BULLET

of such a license, the contract shall be liable to be terminated without assigning any reason thereof. Contractor should also employ qualified and experienced persons as per requirement of

Electricity Act and rules for carrying out supply and erection work under this contract.

- In case UGVCL becomes liable to pay any wages or dues to labour or any Government agency under any of the provisions of the Minimum Wages Act, Payment of Wages Act, Employee Compensation Act, Contract Labour Regulation Abolition Act, Employee Provident Fund or any other law due to act of omission of the Contractor, UGVCL may make such payment and shall recover the same from the Contractor's bills.

45.0 PROVIDENT FUND AND FAMILY PENSION SCHEME

The Contractor shall submit along with his bills (month wise) a Statement regarding deduction against employees Provident Fund and Family Pension Scheme in respect of each concerned employee. The contractor's contribution and the workers' contribution towards Provident Fund and Family Pension Scheme shall be done at the rate made applicable by the Government from time to time and deposited by the contractor with Regional Provident Fund Commissioner, Ahmedabad.

46.0 DEPOSIT LINKED INSURANCE SCHEME

The contractor shall have to deposit 1.2% of the wages in respect of employees who are members of the Provident Fund as the contribution to the Deposit Linked Insurance Scheme with Regional Provident Fund Commissioner, Ahmedabad.

47.0 ADMINISTRATIVE CHARGES

Administrative charges for maintaining Provident Fund Account shall be deposited by the Contractor with Regional Provident Fund Commissioner, Ahmedabad at the rates applicable.

48.0 PAID LEAVE FACILITY

Paid Leave Facility at the rate of one day for every twenty days worked by the Contract Labour shall be provided by the Contractor to his workers. He shall maintain Leave Records, Leave Cards for individual labourer which shall be duly verified, approved and certified by the Authorized Officer of UGVCL. Remuneration for such leave period shall be fully borne by the Contractor.

49.0 Workmen's Compensation and Employer's Liability Insurance

Insurance shall be affected for all the Contractor's employees engaged in the performance of this contract.

50.0 Wages to be Paid & Time of Payment etc. by the Contractor

The Contractor shall pay minimum wages per day to his Labours/ Workers as per rates fixed under the Minimum Wages Act. The wages of every Contract Labour employed by

TENDER NOTICE No. UGVCL/BULLET

him under this contract shall also be paid by him before the expiry of 7th day from the last day of the month in respect of which the wages are payable (i.e. wages of a month have to be paid by him in the first week of the next month).

Any default will result in cancellation of contract forthwith or else the Contractor shall be punishable to the extent of Rs. 100/- for each day of default.

The Contractor shall give his Addresses, Telephone Number and etc. to UGVCL, so that, in case of labour trouble etc. the Contractor can be contacted. The Contractor shall arrange to have his office within working area and the contractor keep himself present throughout the working hours.

The separate P.F. code issued from RPFC is required to be taken by the contractor and if it is not taken, offer of the firm will not be considered. The attested documentary evidence to be submitted along with the offer.

The contractors who are having separate P.F. Code No. from RPFC, it should be ensured that all the contract labourers are covered under the provident fund scheme and employees' pension scheme and their contributions are remitted regularly to the concerned RPFC. The photo copies of the chalan in this regard should be collected from the concerned contractor and kept in the file of the concern contractor.

51.0 Secrecy:

The technical information, drawings, specifications and other related documents forming part of the enquiry or Contract are property of UGVCL and shall not be used for any other purpose, except for the execution of the contract. All rights related to the technical specifications, drawings and records are reserved by UGVCL only and no part or partial should be reproduced, copied or alter without prior permission to UGVCL in writing. In the event of the breach of this provision, UGVCL can claim the damages caused by such events.

TENDER NOTICE No. UGVCL/BULLET
SECTION 3
ANNEXURE OF QUALIFICATION INFORMATION.
BANK GUARANTEE

Table of Forms:

Sr No.	Number of Annexure	Particulars
1	Annexure : I	Contract Agreement
2	Annexure : II	Performance Bank Guarantee for PG
3	Annexure : III	Details of the order executed by the bidder of
4	Annexure : IV	Details of the firm
5	Annexure : V	Technical & Commercial Deviation if
6	Annexure : VI	Undertaking regarding
7	Annexure : VII	Important Instruction
8	Annexure : VIII	Details of Taxes, PAN number , PF registration
9	Annexure : IX	Bank Guarantee form for EMD
10	Annexure : X	Bank Guarantee form for Performance
11	Annexure : XI	Check List
		Power of Attorney for joint venture
		Undertaking by the joint venture partners
14	Annexure : XIV	
15		UN-Priced Schedule
16		Delivery Schedule
17		To Be Submitted/ On line

TENDER NOTICE No. UGVCL/BULLET

ANNEXURE –I

On stamp Paper of Rs.100/-)

CONTRACT AGREEMENT

This agreement is made at Sabarmati. the -----day of -----in the Christian year Two thousand three between -----(herein after referred to as “THE CONTRACTOR” which expression shall unless excluded by or repugnant to the contract include its successors or permitted assigns) of the one part and the UTTAR GUJARAT VIJ COMPANY LTD. having their Division Office at, Sabarmati. Pin Code No.380005 (hereinafter called “The UGVCL” which expression shall unless excluded by or repugnant to the context include its successors or assigns) of the other part.

WHEREAS the aforesaid UGVCL has accepted the tender of the aforesaid contractors for -----
- as per UGVCL’s Order No.-----

Hereinafter called “the Works” and more particularly described enumerated or referred to in the specification, terms and conditions prescribed in the Order letter, covering letter and other letters and schedule of price which for the purpose of Identification have been signed by Shri ----- on behalf of the Contractors and by -----on behalf of the UGVCL a list whereof is made out in the Schedule hereunder written and all of which said documents are deemed to form part of this contract and included in the expression “ the Works” wherever herein used, upon the terms and subject to the conditions hereinafter mentioned.

AND WHEREAS THE UGVCL has accepted the tender of the contractors for the construction of the said works for the sum of Rs. ----- (Rupees :-----) upon the terms and subject to the conditions herein mentioned.

NOW THIS AGREEMENT WITNESSES AND IT IS HEREBY AGREED AND DECLARED THAT:

- I. The contractors shall do and perform all works and things in this contract mentioned and described or which are implied therein or there from respectively or are reasonably necessary for the completion of the works as mentioned and at the times, in the manner and subject to the terms, conditions and stipulations contained in this contract, and in consideration of the due provision, executions, construction and completion of the works as per latest REC standards/ guidelines agreed to by the contractors as aforesaid, the UGVCL both hereby covenant with the contractor to pay all the sums of money as and when they become due and payable to the contractors under the provisions of the contract. Such payment to be made at such times and in such manner as is provided by the contract.

TENDER NOTICE No. UGVCL/BULLET

III. The conditions and covenants stipulated herein before in this contract are subject to and without prejudice to the rights of the UGVCL to enforce penalty for delays and / or any other rights whatsoever including the right to reject and cancel on default or breach by the contractors of the conditions and the covenants as stipulated in the general conditions, specifications, forms, or tender schedule, drawing, etc., attached with UGVCL's Order No.-----The contract value, extent of supply delivery dates, specifications, and other relevant matters may be altered by mutual agreement and if so altered shall not be deemed or construed to mean or apply to affect or alter other terms and conditions of the contract and the general conditions and the contract so altered or revised shall be and shall always be deemed to have been subject to and without prejudice to said stipulation.

SCHEDULE

List of documents forming part of the contract:

- 1.
- 2.
- 3

In witness whereof the parties hereto have set their hands and seals this day and month year first above written.

V. Signed, Sealed and delivered by:

(Signature with Name, Designation & official seal)

For and on behalf of M/s. _____

TENDER NOTICE No. UGVCL/BULLET

In the presence of name, Full Address & Signatures.

- I) -----

- ii). -----

a. Signed, Sealed and Delivered by:

(Signature with Name, Designation & official seal)

For and on behalf of UTTAR GUJARAT VIJ COMPANY LTD. Nr AEC Railway Crossing,
Sabarmati, Ahmedabad-380005

In the presence of Name, Full Address &

- Signature: a. :-----

- ii) -----

TENDER NOTICE No. UGVCL/BULLET

Annexure-II

Details of orders executed by the bidder of said work.

Period: (During last FIVE Years.)

Sr. No	Order No./Date	Description of work	Order Amount Rs. In Lakhs	Name of Order placing authority
1	2	3	4	5

Completion date as per order	Date of commencement of work	Date of actual completion of work
6	7	8

Note :(1) For all the above attested legible documentary evidence to be submitted.

- a) Certificate for satisfactory work completion from competent authority of UGVCL / organization who have placed the order should be invariably attached with this schedule.

Signature of Authorised
Representative Company/Agency

NAME : _____

STATUS: _____

SEAL / STAMP

Name of tendering
Company

TENDER NOTICE No.

Annexure - VII

Tender No. UGVCL/

Due On:

IMPORTANT INSTRUCTIONS

1. The Tenderer should clearly give certificate along with the Technical Bid:

“This is to confirm and certify that the offer submitted by me is strictly in accordance with UGVCL Tender specifications, Guaranteed Technical Particulars and drawing as mentioned in the Tender Specifications. There is no commercial or Technical deviation (except the deviations shown in Annexure of Technical Deviations) in the offer from UGVCL Tender Specification. I undertake to abide by UGVCL Technical specification / Guaranteed Technical Particulars / Drawing, I undertake to supply materials strictly as per UGVCL Technical specification / Guaranteed Technical Particulars / Drawing, even if any technical deviations are mentioned by me. I also undertake to abide by all commercial conditions of UGVCL, including delivery schedule.”

j) Any offer without above certificate will not be considered and the tender will be out rightly ignored in the absence of above certificate.

k) After opening of the Tender, if it is found that the offer given by the Tenderer is not according to UGVCL specifications, Guaranteed Technical Specifications, Drawing and commercial terms and conditions and false certificate is given by the Tenderer, then UGVCL will not deal with the firm for the present Tender. It is, therefore requested that the Tenderer should take care in giving their offer and submission of documents, including Type Test certificate.

l) The conditional tenders will not be accepted.

(Signature of the Tenderer)

TENDER NOTICE No.

ANNEXURE - 'VIII'

FORM OF BANKERS UNDERTAKING

On stamp paper of Rs. 100/-

BANK GUARANTEE (FOR EXECUTION OF CONTRACT)

We, _____ (name of the Bank and address of the branch giving the Bank Guarantee), having our registered office at _____

_____ (Regd. Office of Bank) hereby agree unequivocally and unconditionally to pay within immediately on demand in writing from the UGVCL., or any Officer authorized by it in this behalf any amount up to and not exceeding Rs. _____ only (amount in words)

Rs. _____ only to the said UGVCL. on behalf of M/s _____ (name and address of the firm) , who have entered into a contract for the supply/works specified below :

LOA No. _____ dated _____

This agreement shall be valid and binding on this Bank upto and inclusive of _____ (mention here the date of validity of Bank Guarantee) and shall not be terminable by notice or by change in the constitution of the Bank or the firm of Suppliers/ Contractors or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variation or alteration made, given, conceded or agreed, with or without our knowledge or consent, by or between parties to the said within written contract.

“Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this Guarantee shall not be assignable, transferable by the beneficiary (i.e. GUVNL or Subsidiaries). Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the Bank. Any invocation of the Guarantee can be made only by the beneficiary directly.”

NOTWITHSTANDING anything contained herein:

Our liability under this Bank Guarantee shall not exceed Rs. _____

only. (Rs. _____ in words) This Bank Guarantee shall be valid up to

Dtd. _____ (date of expiry)

Place:

Date:

Round seal & Signature of
Bank Officer

TENDER NOTICE No.

BANK GUARANTEE FORMAT

Annexure - IX

TENDER NOTICE No.

FOR TENDER NO.: UGVCL / _____

(BANK GUARANTEE ON NON-JUDICIAL STAMP PAPER OF Rs.100/-)

WHEREAS M/s. _____ (name & address of the Firm) having their registered office at _____ (address of the firms Registered Office) (hereinafter called the "Tenderer") wish to participate in the tender No. _____ for

_____ of (Supply / Erection / Supply & Erection Work) (Name of the material / equipment / Work) for _____ Uttar Gujarat Vij company Ltd. and WHEREAS a Bank Guarantee for (hereinafter called the "Beneficiary") Rs. _____ (amount of EMD) valid till _____ (mention here date of validity of this Guarantee which will be 6 (Six) months from the date of opening of bid for this tender. which is required to be submitted by the Tenderer along with the Tender.

We, _____ (name of the Bank and address of the Branch giving the Bank Guarantee) having our Registered Office at _____ (address of Bank's Registered Office) here by give this Bank Guarantee No. _____ dated __ _ and hereby agree unequivocally and unconditionally to pay immediately on demand in writing from the Uttar Gujarat Vij company Ltd. or any Officer authorized by it in this behalf any amount not exceeding Rs. _____ (amount of E.M.D.), (Rupees _____ (in words) to the said Uttar Gujarat Vij company Ltd. on behalf of the Tenderer.

We _____ (name of the Bank) also agree that withdrawal of the Tender or part thereof by the Tenderer within its validity or Non-submission of Security Deposit by the Tenderer within one month from the date tender or a part thereof has been accepted by the Uttar Gujarat Vij company Ltd. would constitute a default on the part of the Tenderer and that this Bank Guarantee is liable to be invoked and encashed within its validity by the Beneficiary in case of any occurrence of a default on the part of the Tenderer and that the encashed amount is liable to be forfeited by the Beneficiary.

This agreement shall be valid and binding on this Bank up to and inclusive of _____ (mention here the date of validity of Guarantee) and shall not be terminable by notice or by Guarantor change in the constitution of the Bank or the firm of Tenderer Or by any reason whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, conceded with or without our knowledge or consent by or between the Tenderer and the UGVCL.

"Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this Guarantee shall not be assignable, transferable by the beneficiary (i.e. GUVNL or Subsidiaries). Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the Bank.

Any invocation of the Guarantee can be made only by the beneficiary directly." NOTWITHSTANDING anything contained hereinbefore, our liability under this guarantee is restricted to Rs. _____ (Amt. of E.M.D.) (Rupees

_____) (in words). Our Guarantee shall remain in force till

TENDER NOTICE No.

__ _ (Date of validity of the Guarantee). Unless demands or claims under this Bank Guarantee are made to us in writing on or before _ (Date of validity of the Guarantee), all rights of Beneficiary under this Bank Guarantee shall be forfeited and we shall be released and discharged from all liabilities there under:

Place:

Date:

Please Mention here Complete Postal
Address of the Bank with Branch Code,
Telephone and Fax Nos.

Signature of the Bank's
Authorised Signatory with
Official Round Seal.

NAME OF DESIGNATED BANKS:

All Nationalized Banks including Public Sector Banks IDBI Bank Ltd.
Private Sector Banks authorized by RBI to undertake the state Government business,
which are (i) Axis Bank (ii) ICICI Bank (iii) HDFC Bank

Note: The Banks shall be the Banks recognized / notified by the Finance Department,
Government of Gujarat (GoG) from time to

TENDER NOTICE No.

Annexure: XI

(SCANNED / PHOTO COPY OF EACH OF FOLLOWING TO BE SUBMITTED IN ONLINE/E- TENDER FORMAT ONLY AS AN ATTACMENT)

- Vendors must furnish the below details/documents along with technical bid as attachments in e-

tender

Document Checklist

Sr. No.	Document	Attached? (Yes/ No)
1.	EMD in the form of Demand Draft or Bank Guarantee as per format prescribed in Annexure-2	
2.	Attested copy of Service/GST/Cess Tax Registration Certificate of Bidder.	
3.	Attested copy of Provident Fund Code of Bidder.	
4.	Attested copy of PAN Card for Bidder.	
5.	Certificate of Commencement of Business issued by the Registrar of Companies for Bidder.	
6.	Power of Attorney by the Bidder	
7.	Details of order executed by the bidder of said work as per Annexure-3	
8.	RFP Document with sign and official seal on every page	
9.	Deviation if any from the specifications, terms & condition etc	
10.	Undertaking for stop deal /Black list	
11.	Type test certificate of equipments	
12.	Copy Showing GST Registration no. and date and issuing authority	
13.	Audited Accounts and Financial turnover of last three years of the firm, duly certified by authorized by CA	
14.	Performance reports if any	

TENDER NOTICE No.

Annexure-XII FORM OF POWER OF ATTORNEY FOR JOINT VENTURE

KNOW ALL MEN BY THESE PRESENTS THAT WE , the Partners whose details are given hereunder have formed a Joint Venture under the laws of and having our Registered Office(s)/Head Office(s) at

..... (hereinafter called the 'Joint Venture' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and assigns) acting through M/s being the Partner in-charge do hereby constitute, nominate and appoint M/s..... a Company incorporated under the laws of and having its

Registered/Head Office at as our duly constituted lawful Attorney (hereinafter called "Attorney" or "Authorized Representative" or "Partner In-charge") to exercise all or any of the powers for and on behalf of the Joint Venture in regard to Specification No..... Package the bids for which have been invited by

..... (hereinafter called the 'Employer') to undertake the following acts :

- i) To submit proposal and participate in the aforesaid Bid Specification of the Employer on behalf of the "Joint Venture".
- ii) To negotiate with the Employer the terms and conditions for award of the Contract pursuant to the aforesaid Bid and to sign the Contract with the Employer for and on behalf of the "Joint Venture".
- iii) To do any other act or submit any document related to the above.
- iv) To receive, accept and execute the Contract for and on behalf of the "Joint Venture".

It is clearly understood that the Partner In-charge (Lead Partner) shall ensure performance of the Contract(s) and if one or more Partner fail to perform their respective portions of the Contract(s), the same shall be deemed to be a default by all the Partners.

It is expressly understood that this Power of Attorney shall remain valid binding and irrevocable till completion of the Defect Liability Period in terms of the Contract.

The Joint Venture hereby agrees and undertakes to ratify and confirm all the whatsoever the said Attorney/Authorised Representatives/Partner in-charge quotes in the bid, negotiates and signs the Contract with the Employer and/or

TENDER NOTICE No.

proposes to act on behalf of the Joint Venture by virtue of this Power of Attorney and the same shall bind the Joint Venture as if done by itself.

IN WITNESS THEREOF the Partners Constituting the Joint Venture as aforesaid have executed these presents on thisday of under the Common Seal(s) of their Companies.

TENDER NOTICE No.

for and on behalf of the
Partners of Joint Venture

.....
.....
.....

The Common Seal of the above Partners of the Joint

Venture:

The Common Seal has been affixed there unto in the

presence of: WITNESS

1. Signature.....
Name
Designation
Occupation

2. Signature.....
Name
Designation
Occupation

Note:

1. For the purpose of executing the Agreement, the non-judicial stamp papers of appropriate value shall be purchased in the name of Joint Venture.

2. The Agreement shall be signed on all the pages by the authorized representatives of each of the partners and should invariably be witnessed.

TENDER NOTICE No.

Annexure XIII. FORM OF UNDERTAKING BY THE JOINT VENTURE PARTNERS

THIS JOINT DEED OF UNDERTAKING executed on this..... day of..... Two Thousand and..... by a company incorporated under the laws of and having its Registered Office at

.....(hereinafter called the "Party No.1" which expression shall include its successors, executors and permitted assigns) and M/s.....a company incorporated under the laws of and having its Registered Office at (hereinafter called the "Party No.2" which expression shall include its successors, executors and permitted assigns

) and M/s. a Company incorporated under the laws of and having its Registered Office at (hereinafter called the "Party No.3" which expression shall include its successors, executors and permitted assigns) for the purpose of making a bid and entering into a contract [hereinafter called the "Contract" {in case of award}] against the Specification No. UGVCL/Bullet PROJECT/ for Erection of HT/LT, T/C & Underground Cable by push through method for Bulet Train Project of Barejadi S/Dn. under Sabarmati Division.. Of Uttar Gujarat Vij Company Ltd a Company incorporated under the Companies Act of 1956/2013 (with amendment from time to time) having its registered office at Regd. & Corporate Office, Visnagar Road, Mehsana – 384001.

WHEREAS the Party No.1, Party No.2 and Party No.3 have entered into an Agreement dated.....

AND WHEREAS the Employer invited bids as per the above mentioned Specification for the design, manufacture, supply, erection, testing and commissioning of Equipment/ Materials stipulated in the Bidding Documents under Erection of HT/LT, T/C & Underground Cable by push through method for Bulet Train Project of Barejadi S/Dn. under Sabarmati Division.

AND WHEREAS documents establishing the Qualification of Bidder & Qualification Criteria forming part of the Bidding Documents, inter-alia stipulates that an Undertaking of two or more qualified manufacturers as partners, meeting the requirements of Qualification Criteria , as applicable may bid, provided, the Joint Venture fulfills all other requirements under Qualification Criteria and in such a case, the Bid Forms shall be signed by all the partners so as to legally bind all the Partners of the Joint Venture, who will be jointly and severally liable to perform the Contract and all obligations hereunder.

The above clause further states that this Undertaking shall be attached to the bid and the Contract performance guarantee will be as per the format enclosed with the Bidding Documents without any restrictions or liability for either party.

AND WHEREAS the bid is being submitted to the Employer vide proposal No.....dated by Party No.1 based on this Undertaking between all the parties; under these presents and the bid in accordance with the requirements of documents establishing the Qualification of Bidder & Qualification Criteria , has been signed by all the parties. NOW THIS UNDERTAKING WITNESSETH AS UNDER:

TENDER NOTICE No.

In consideration of the above premises and agreements all the parties of this Deed of Undertaking do hereby declare and undertake:

1. In requirement of the award of the Contract by the Employer to the Joint Venture Partners, we, the Parties do hereby undertake that M/s..... the Party No.1, shall act as Lead Partner and further declare and confirm that we the parties to the Joint Venture shall jointly and severally be bound unto the Employer for the successful performance of the Contract and shall be fully responsible for the design, manufacture, supply and successful performance of the equipment in accordance with the Contract:
 2. In case of any breach or default of the said Contract by any of the parties to the Joint Venture, the party(s) do here by undertake to be fully responsible for the successful performance of the Contract and to carry out all the obligations and responsibilities under the Contract in accordance with the requirements of the Contract.
 3. Further, if the Employer suffers any loss or damage on account of any breach in the Contract or any shortfall in the performance of the equipment in meeting the performances guaranteed as per the specification in terms of the Contract, the Party(s) of these presents undertake to promptly make good such loss or damages caused to the Employer, on its demand without any demur. It shall not be necessary or obligatory for the Employer to proceed against Lead Partner to these presents before proceeding against or dealing with the other Party(s), the Employer can proceed against any of the parties who shall be jointly and severally liable for the performance and all other liabilities/obligations under the Contract to the Employer.
 4. The financial liability of the Parties of this Deed of Undertaking to the Employer, with respect to any of the claims rising out of the performance or non-performance of the obligations set forth in this Deed of Undertaking, read in conjunction with the relevant conditions of the Contract shall, however not be limited in any way so as to restrict or limit the liabilities or obligations of any of the Parties of this Deed of Undertaking.
 5. It is expressly understood and agreed between the Parties to this Undertaking that the responsibilities and obligations of each of the Parties shall be inline with terms and procedure of payment of this Deed of Undertaking. It is further undertaken by the parties that the above sharing of responsibilities and obligations shall not in any way be a limitation of joint and several responsibilities of the Parties under the Contract.
 6. It is also understood that this Undertaking is provided for the purposes of undertaking joint and several liabilities of the partners to the Joint Venture for
-

TENDER NOTICE No.

submission of the bid and performance of the Contract and that this Undertaking shall not be deemed to give rise to any additional liabilities or obligations, in any manner or any law, on any of the Parties to this Undertaking or on the Joint Venture, other than the express provisions of the Contract.

7. This Undertaking shall be construed and interpreted in accordance with the provisions of the Contract.
8. In case of an award of a Contract, we the parties to this Deed of Undertaking do hereby agree that we shall be jointly and severally responsible for furnishing a Contract performance security from a bank in favour of the Employer in the currency/currencies of the Contract.
9. It is further agreed that this Deed of Undertaking shall be irrevocable and shall form an integral part of the bid and shall continue to be enforceable till the Employer discharges the same or upon the completion of the Contract in accordance with its provisions, whichever is earlier. It shall be effective from the date first mentioned above for all purposes and intents.

IN WITNESS WHEREOF, the Parties to this Deed of Undertaking have through their authorized representatives executed these presents and affixed Common Seals of their companies, on the day, month and year first mentioned above.

Common Seal of
..... has been
affixed in my/ our
presence pursuant to Board of
Director's Resolution dated
.....

I. II.
.....

Name

.....

Designation

..... Signature

.....

WITNESS :

TENDER NOTICE No.

For Lead Partner (Party
No.-1) For and on behalf
of M/s

.....

(Signature of the authorized
representative)

Common Seal of
..... has been
affixed in my/ our
presence pursuant to Board of
Director's Resolution dated
.....

For Party No.-2
For and on behalf
of M/s.....

TENDER NOTICE No.

Name

.....

(Signature of the authorized representative)

Designation

.....

Signature

.....

WITNESS :

I.

.....

II.

.....

Common Seal of
..... has been
affixed in my/ our
presence pursuant to Board of
Director's Resolution dated
.....

I. II.

.....

Name

.....

Designation

..... Signature

.....

WITNESS :

For Party No. **TENDER NOTICE No. 3**

For and on behalf of M/s.

.....

(Signature of the authorized representative)

Note:

1. For the purpose of executing the Joint Deed of Undertaking, the non-judicial stamp papers of appropriate value shall be purchased in the name of Joint Venture.
2. The Undertaking shall be signed on all the pages by the authorized representatives of each of the partners and should invariably be witnessed.

TENDER NOTICE No.

Section 4

Technical Specification

Technical specification file is separately attached

Section 5

Drawings File separately attached.

Signature of

Company Round

Date:

TECHNICAL SPECIFICATIONS FOR
Underground Cable laying by push through method & Erection of HT/LT, T/C for
Bullet Train Project (NHSRCL) of Barejadi S/Dn. Under Sabarmati Division

TECHNICAL SPECIFICATIONS:

Signature of

Company Round

Date:

For erection work of 11KV HT lines, LT Distribution lines , Laying of UG Cable and Transformer Centers.

Erection of H.T. / LT lines:

(a) Site clearing and tree cutting will be done by the contractor at his cost. The company will assist the contractor in getting necessary permission for tree cutting etc. Any claim for compensation in above respects will have to be born by the contractor.

(b) Fixing of positions:

The position of poles structure guys and earthing will be fixed by the department and shown to the contractor. He should adhere to these locations in all circumstances unless directed by the department to make any change.

(c) Pole setting:

Where poles are set in good solid ground the depth of pit shall be 1/6th height of the pole and for grounds of any other nature depth of pit shall be decided by the Department. The poles and guys must not be set at the edge of cuts or embankments where the soil is liable to be washed or eroded out. Such settings should be avoided. While back filling the earth must be packed tight and in no case must earth be dumped of a greater depth than our inches without being rammed hard before the next layer is thrown in? The cost of damage done to the pole during erection will be recoverable from the contractor no pole which is out of plumb shall be accepted for recording the measurement for work carried out. The poles once handed over to the contractor will be in his safe custody till erected and he is liable compensate to the company the full cost of pole along with supervisor changes if the pole is broken during erection, or stolen from his custody. He should be able to render full amount of the poles entrusted to him whenever the supervising officer demand to scrutinize the same.

(d) Erection of complete single structure:

Erection of single pole structure comprises of excavations of pit and refilling of earth, erection in position of 28 to 33 PSC pole, 60 lbs/yds to 90 lbs/yds, 30 to 42 long rail or suitable size girder or any other suitable pole, fitting of clamps and cross arms, fitting of insulators etc. complete as per drawing, inclusive of painting numbering fixing of caution board ant climbing device.

(e) Special two pole structure such as for HT line tapping railway crossing any other HT LT or telephone line crossing terminal, structure, structure for transformer sub-station comprises of excavation of suitable pits and refilling of earth erection in position of two Nos. 28 to 33 PSC poles 90-lbs/yd to 90 lbs/yd 30 to 42 long rails of any other suitable poles fitting of clamps and cross arms, bracing cross bracing etc. as per drawing exclusive of mounting transformer but inclusive of mounting D.O. fuses painting numbering fixing of

Signature of

Company Round

Date:

caution Board and anti-climbing device. The D.P. must be in plum. Special structure of included will be erected as per drawing supplied.

(f) Stringing of conductors:

This includes stringing of stranded and solid bare conductors with fitting of necessary HT LT pin and strain insulators; binding on insulators jumpering jointing, the jointing in HT line will be done by twisting sleeve joints as per standard practice, care must be taken in handling the conductor to protect against cuts, scratches or kinks. The conductor must not be drawn over rough or rocky ground when it is liable to be dragged Aluminum and ACSR conductors must be drawn on wooden or Aluminum Pulleys only. The white conductor or coil must not be dropped wastage and cutting should be avoided as far as possible .Not more than 5% scrap will be accepted in the material account to be submitted by the contractor. It is important that the conductor must be drawn to the proper tension. The sag and spans will be maintained as per drawing and design. The cross arm and insulators must be so fixed that neither tilts or bends in position. The span and sag however may vary according, to sizes of poles available but these dimensions will not be specified by the field Engineer before commencement of work. The sagging should be uniform for all conductors and uneven sagging will not be allowed. Stringing of V.I.R. line This consists of VIR wire of different sizes such 3/20 to 7/16 complete with G.I. bearer wire and reel insulators interspaced at a distance of 3 ft.

(g) Erection of stay set:

The erection of stay set comprises of excavation of suitable pit of 4 depth burying stay rods anchor plate fixing of stay clamp on pole fixing of turn buckle, binding of G.I. stay wire. The stay insulators must be inserted in the stay wire on all stays as per drawing. The wrapping of the guy wire strands at both ends and at stay insulator must be even and must be present neat appearance and good workmanship. No stay should be left loose but should be tight and straight to withstand any cyclone or sand storm.

(h) Earthing:

The arrangement shall be of pipe type earthing as indicated in the drawing. The earthing is to be done at places as indicated in the pole schedule or as selected by the field Engineer. The coke and salt will have to be supplied by the contractor at his cost. Size of pit 2"x2"x6" mixture of salt and coal dust 5 kg each total 10 kg

(i) Guarding:

The guarding will have to be provided between crossing of HT and LT lines below all the railway crossings at the crossings of telephone or telegraph lines and such of places as indicated by the department. The work comprises of fixing of guard, cross arms, eye bolt, and guard cradle as per design, GI cross lacing wires complete/any special type of guarding if required will be designed and erected by the department. Bridling cross arms must be used where the HT line crosses the road, a clearance of 20' must be available for all Road crossings. The poles for road crossings must be contracted.

Signature of

Company Round

Date:

(j) Painting and numbering:

Rail poles and girder poles shall be given one coat of approved red lead paint and two coats of approved allu paint. All steel mounting also painted in a manner shown above. The bolts and nuts shall be dipped in anti corrosive oil before insertion. The lower position of steel poles up to 3 feet above ground level shall be cleaned of all dust. This surface should be given a base coat red lead and an additional coat of block bituminous paint before inserting in the ground. The paints will be supplied by the contractor and should be Jenson Nicholson or Asian Paints or such other well known make and will be got approved from Executive Engineer prior to starting work. All poles should be numbered in block figures of 3" size with good paints. The paint for numbering should be of weather proof type and got approved in advance.

(k) Concreting:

Brickbat Cement Concreting: Cement concrete for concreting of poles and stay rods should be one part cement, three parts of specified quality sand and six parts of burnt brick bats (1:3:6). The concreting should be done on all strain angle, deal end D.P. Structure, Road and Telephone crossings and as directed on other locations.

(l) Muffling:

Concrete for Muffling of poles and stay rods should be cement one part sand three parts and six parts metal (1:3:6). Muffling is not to be done for PSC poles. Sand shall be clean and composed of hard siliceous grains. It shall be free from clay or organic matter. Metal should be of sound hard and durable stone size ½" to ¾" sieve.

(m) Mixing of concrete:

Unless otherwise specified the concrete shall be in above proportion and should be thoroughly mixed at least three times in dry state before water is added and as far as possible a fairly wet mixture must be used. All concrete must be mixed on water tight platform. In any case, the work when finished must be absolutely true inline and level and finished off smooth. One finishing coat, of cement plaster should be applied on outer surface of the muffling, the concrete block when slightly dried should be kept wet continuously for period of 10 days. The locations for concreting will be decided by the Engineer in charge and the contractor will follow his instructions scrupulously. If the concreting work is not found as per the specification and quality, the same is liable to be rejected. The brick bat concreting or cement concreting work has to be done. In the presence of company representative only and work done in his absence will be rejected and no payment made therefore. The contractor will be supplied cement by the department and the cost of the cement will be recovered from the contractor at the rate of Rs. __ per metric ton. All the empty bags will have to be returned to department in good condition otherwise a recovery of Rs.1.00 per bag will be made. The sand, metal brick bats shall be supplied by the contractor. The normal size of concreting of pole will be 5" x 2' x 2 ½' that for stay 2x2x2' Muffling for poles shall be 12" dia 2'-0" (1' above and 1' below ground) Muffling for stay shall be 12" dia x 2' .0' (1' above and 1' below ground) The concreting and

Signature of

Company Round

Date:

muffling shall be carried out by the contractor in presence of field Engineer or his representative to ensure that correct quantities are used.

Transformer Center:

The transformer centre will be of outdoor type on two pole structure as per standard drawing and comprises of:

1. One set of HT DO fuses.
2. 11/22 KV 25 to 1000 KVA transformer complete with its accessories.
3. One set of HT lightening arrestors.
4. One set of LT lightening arrestors.
5. One distribution Box pipes, VIR wires, cross arms and bracings earthing as per drawing etc.
6. Stays with insulators, painting numbering dangers board, anti climbing device. The independent separate pipe type earthings should be provided on either side of the T/C each consisting of one or more earth connections from lightening arrestor's transformer neutral transformer tank dist. Box etc. The cost of damage done to the transformer is recoverable from contractor.

Erection Specifications for Cable laying:

Standards:

The work shall be carried out by the best workmen with confirmation with this specification, codes of practice of Indian Standards Institution, approved drawings and instructions of Engineer in charge or authorized representative. In case of any conflict between the standards, the instructions of Engineer in charge shall be binding.

Cable laying:

As far as possible shall be laid without intermediate joints throughout the lengths from one termination to the other.

When cables are placed in cable trench then they shall be properly arranged so that criss-crossings are avoided and final take off to the switchgear is facilitated. Contractors are responsible for arrangement of cables in cable trench.

Temporary ends if any shall be protected against dirt and moisture and prevents damage to the insulation. Proper PVC or rubber insulating tape shall be used. Use of friction type or fabric tape is not permitted. Lead sheathed cables shall be plumbed with lead alloy.

Signature of

Company Round

Date:

Cables shall be handled carefully during installation so that no any damage to outer sheath, inner insulation or conductor should take place Cables. Protective pipes shall be used as and when required as directed.

Testing at site: Before laying, Insulation resistance value of all the cables shall be measured with the help of 2.5KV Megger for phase to phase and from phase to ground (Armour) with 2.5 kV Megger in presence of Engineer in charge and record shall be maintained and same shall be measured after laying also and has to be compared with the original measured values so that defective cables can be shorted out before laying or after laying and such cable shall be rejected.

When cables are laid in air, then they shall be protected by suitable size of heavy duty GI pipes as per specifications and as per instruction of Engineer In Charge(EIC) Cable ends shall be carefully drawn through such pipes to prevent damage to the cable. Radius at bending shall not be less than the recommended bending radius of the cables specified by the manufacturer and as per IS standard.

The cable shall be protected by underground Half Round Hume pipe Cable Trench (PCCT) as per drawing No: UGVCL/R&D-PP/PCCT/001 when required to lay in soil.

After installation and testing of cables, conduit ends shall be plugged with a suitable weatherproof plastic compound/ putty for sealing purpose as directed.

Prior approvals for cutting holes for laying cable in existing structures and foundations shall be obtained from the Engineer in charge.

Where ever digging is not possible at road/railway/canal crossings, at such locations, HDPE ducts having required size as per specification shall be laid at a minimum depth of 1200mm below original ground level by push through method by ogal machine without cutting the road surface(No manual boring shall be allowed in any case.) for crossing for enclosing 11KV or 1.1kv cables and back filling the same to make ground as per original as per the instructions of EIC. At the cable enters pipe/ sleeves, adequate bed of sand shall be given so that the cable do not slack and get damaged by pipe ends.

Drum number shall be recorded for each cable in cable schedule. Cables shall be routed so that

they are not subjected to heat from adjacent hot piping and vessels.

Providing & fixing of route marker of pre-cast RCC blocks made in M-200 (1:1.5:3) concrete of size 220 x 75 x 800 mm having top width round shape as per drawing no. UGVCL/R&D/RM/001, including providing & bars as per the drawing including necessary excavation, form works of steel sheets, curing, finishing of all surfaces & placing in position at site including fixing block by providing & laying 75 mm thick PCC (1:4:8) on all vertical sites & bottom of pre-cast RCC blocks as per drawings etc complete. The route markers shall be provided at a span of 25 meter of on cable route and at both sides of road in case of crossing.laying reinforcement steel of 1 no. x 10 mm dia tor steel main bar & 6 no x 8 mm dia tor steel distribution

The identification cable tag, having adequate size from 3 mm thick, 25 mm wide PVC strip, shall be placed on each cable at every 10 Mtrs intervals and at every cable joint

Signature of

Company Round

Date:

locations. The Cable tag shall be tied by nylon string with cable. The tag shall be embossed by letter as stated below as applicable.

HT Cable: UGVCL/HT Cable/Name of S/S / Name of feeder The PVC Cable terminal ferrules for identification of phase sequence shall be provided at every termination stating detail as under.

HT Cable: R/Y/B

Termination:

The 11 kV cable termination/joints shall be done by skilled and experienced jointers duly approved by the Engineer in charge. Termination including supply of jointing kit is included in the contractor's scope unless specified otherwise.

Termination kits shall be suitable for termination of the cables to indoor switchgear or to weather proof cable end box of an outdoor mounted transformer an outdoor type for termination at poles.

The terminating kits shall preferably be as of the following types and as per the specifications.

PUSH ON/Heat shrink type of 3m (M seal) or Raychem make or equivalent parameters as per IS Standards using factory molded silicone rubber insulators. For outdoor installations weather shields, shielding ends and any other accessories required should form part of the kit.

Straight through jointing kits shall be suitable for underground installation with uncontrolled backfill and possibility of flooding by water. The jointing kit shall be preferably of PUSH ON/Heat shrink type of 3m (M seal) or Raychem make and shall be as per the specifications.

1. General:

The work should be strictly as per specifications and approved designs of the company. The inferior and unsatisfactory work is liable to be rejected. The detailed specifications and structural drawings can be supplier for reference at the request of contractor. The work will have to be carried out as per program laid down by department and under the entire instruction of field engineers and contractor should employ supervisor who could supervise the works throughout and he should remain present on site. No tools will be supplied by the department. The work is found inferior ad not up to standards of the company is liable to be rejected at the risk and cost of the contractor. Any expenditure incurred for rectification work carried out departmentally or by employing harmony labour will be recovered from his R.A. Bills of the contractor of the contractor fails to rectify the inferior work done by him insists of instructions to rectify the same. Contractor will have to submit the certificate work of the 2nd class wireman under whose supervision the work has been carried out.

2. Important:

Before starting the work (new, alteration or addition) and during the works the contractor must obtain line clear wherever necessary for the concerned officer of this department of other department. For any damage done to the men, materials of property due to non observance of rules, the responsibility will be of the contractor.

Signature of

Company Round

Date:

SCHEDULE-B

Underground Cable laying by push through method & Erection of HT/LT, T/C for Bullet Train Project (NHSRCL) of Barejadi S/Dn. under Sabarmati Division

Sr. No	Details of works	Unit	Qty.	Rate	Amount
1	Ht tapping from the existing pole including fixing of cross arms, clamps anti-climbing devices, danger board, insulators etc. Complete and painting of fabricated materials and numbering complete with cost of paints as per standard specification but excluding erection of guy set and earthing. E-urja code : 990100001	No.	144	278	40032.00
2	Erection of psc poles of 8 *200 kg including excavation of pit and refilling of earth, fixing of cross arms, top fitting clamps anti-climbing devices, insulators etc. Complete and painting of fabricated materials used on the poles and numbering with cost of paint as per standard specification but excluding erection of guy set and earthing. E-urja code : 9902010001	No.	30	675	20250.00
3	Erection of psc poles of 10 *270 kg including excavation of pit and refilling of earth, fixing of cross arms, top fitting clamps anti-climbing devices, insulators etc. Complete and painting of fabricated materials used on the poles and numbering with cost of paint as per standard specification but excluding erection of guy set and earthing. E-urja code : 9902010002	No.	120	1815	217800.00
4	Erection of double pole structure of 10 meters 270 kg psc poles including excavation of pits & refilling of earthing, fixing of channels, supporting angles, clamps, anti-climbing devices danger boards, insulators etc. complete and painting of fabricated materials used on the poles and numbering with cost of paint as per standard specification but excluding erection of guy sets and earthing. E-urja code : 9902020025	No.	5	4030	20150.00

Signature of

Company Round

Date:

5	Erection of guy set including excavation of pits &refilling of earth as per standard specification withstay clamps, stay wire, anchor rod, turn buckle, eyebolt, guy insulator, cement concrete block etc. Butexcluding concreting. E-urja code : 9902040001	No.	40	315	12600.00
6	Concreting of poles, guys, etc. Including cost ofcement sand metal (1:2:4) and water etc. As per standard specification. Size of muffing should be 2 ft x 2 ft x 3 ft & muffing should be square e-urja code : 9905010001	CMT	160	5900	944000.00
7	Erection of gi strip earthing having size 25 x 3 and having plate size 300mm x 300 mm x 9mm with 10 kg. Coal and 10 kg salt including all materials. E-urja code : 9902040003	No.	475	1300	617500.00
8	Stringing of 30mm ² acsr/34mm ² ,55mm ² aaac conductor for 11/22kv & lt lines including fixing of insulators, binding jumpering etc. E-urja code : 9903000001	One Cond. Per KM.	20	1240	24800.00
9	Providing guarding to ht line on road/ rail crossing. E-urja code : 9906000001	MTR	200	58	11600.00
10	Providing guarding of lt lines on road/rail crossing. E-urja code : 9906000001	MTR	200	58	11600.00
11	DISMENTALLING OF 8 MTR PSC POLE WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE AT SAFE AND ON ROAD SIDE E-urja Code : 9907000017	No.	140	465	65100.00
12	DISMENTALLING OF 10 MTR PSC POLE WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE AT SAFE AND ON ROAD SIDE E-urja Code : 9907000017	No.	9	935	8415.00
13	DISMENTALLING OF TRANSFORMER CENTRE(8 MTR PSC POLE) WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE AT SAFE AND ON ROAD SIDE(Without transformer) E-urja Code : 9907000007	No.	7	2750	19250.00
14	Dismantalling of conductor	Km.	30	620	18600.00

Signature of

Company Round

Date:

15	11kv underground railway crossing double track including laying, jointing, insertation of hdpe pipe 160mm dia and 6mm thickness as per is4849 under railway track using horizontal auger guided boring by push through method. Insedrtation of hdpe pipe in side railway boundary by cut and fill method. Providing and supply of hdpe pipe 160mm dia, including double pole structure with 9 mtr rsj pole on both side with fixing ab switch, erection of stay set - 6 nos and all fabricarion on structure. Also fixing of clamp to cable along with rsj pole. Also guarder pole & its fabrication should be painted by 2 coat of red oxide and 2 coat of asian silver coat.	No.	45	360000	16200000.00
16	Providing & fixing of route marker of pre-cast RCC blocks made in M-200 (1:1.5:3) concrete of size 220 x 75 x 800 mm having top width round shape as per drawing no. UGVCL/R&D/RM/001, including providing & bars as per the drawing including necessary excavation, form works of steel sheets, curing, finishing of all surfaces & placing in position at site including fixing block by providing & laying 75 mm thick PCC (1:4:8) on all vertical sites & bottom of pre-cast RCC blocks as per drawings etc complete. The route markers shall be provided at a span of 25 meter of on cable route and at both sides of road in case of crossing.laying reinforcement steel of 1 no. X 10 mm dia tor steel main bar & 6 no x 8 mm dia tor steel distribution	No.	234	298	69732.00
17	Erection of new t/c on 10 meter pole	No.	9	7430	66870.00
18	Labour work for erection of plinth with pcc 1:4:8 and cc 1:2:4 with excavation, cement , brick and plaster as per drawing with material suitable for installation of rmu and installation of rmu with all transportation with complete wiring	No.	9	31000	279000.00
19	Supply & erection of maintenance free earthing system comprising of 48.3 mm dia 3 mtr long earthing electrode of low carbon steel electrode with 250 microns copper coating + carbon bases conductive back fill compound (resistivity of less than 0.10 ohm mtr) and copper clamp including suitable length earthing gi strip on rmu of 40 x 3 mm with termination on rmu body	No.	4	7500	30000.00
20	Shifting of t/c on 8 meter non-ag feeder including dismantalling of old structure	No.	9	7320	65880.00
21	Supply of various size of nut & bolt	Kg.	200	60	12000.00
A	TOTAL AMOUNT.				18755179.00

B	Bidder's offer (+/-) in % [B]	
C	Grand Total [C= A+/- (A*B)]	
D	Goods & Service Tax [D=Cx GST %]	GST Rate; _____ %) SAC Code;-
E	Grand Total including GST [E=C+D]	
F	Final offer (in Rs.)	
G	Final offer (in Words.)	

Signature of

Company Round

Date:

1. Instruction of DE/EE must be followed.
2. While recording the measurement record HT line & LT line separately for each T.S. giving the name of village area T.S. No.
3. Qty. may vary but final bill will be as per actual inventory by S/Dn.
4. This is E-Tender and published on www.nprocure.com website, bidder has to quote the rate online on above mentioned website is specific tender
5. Contractor must to send all the documents related to Technical bid and original demand draft by RPAD(only) at Executive Engineer, UGVCL Division office, Near AEC Railway Crossing ,Keshavnagar road, Sabarmati. Ahmedabad-380005 in time. And if bidder fails in to submission of documents within time then bid will be rejected and will be considered as disqualified in Technical bid.

Signature of

Company Round

Date: