

NOTICE INVITING TENDER

The Chief Engineer (O&M) -DGVCL invites “**On line Tenders (e-tendering)**” for **Rate Contract for Repairing of failed/damaged Distribution Transformers having CRGO Core (STACK / WOUND/DRY/ PAT/SDT) of various ratings on item wise rate & Amorphous core of various ratings on fixed rate including internal parts and external parts per unit rate basis from existing agencies and new entrepreneurs who fulfill tender conditions.** Tender Papers & Specifications may be down loaded from Web site <https://DGVCL.nprocure.com> (For view, down load and on line submission) and DGVCL web site www.DGVCL.com (For view & down load only). Tender fee, EMD & Vendor Registration (VR) fee as applicable shall be paid along with submission of tender in EMD cover. **All the relevant documents of tender to be submitted physically will be received only by registered Post A.D. or Speed Post only** addressed to The Chief Engineer (O&M), DAKSHIN GUJARAT VIJ COMPANY LTD., Regd. & Corporate Office, KAPODRA-SURAT “**NO COURIER SERVICE OR HAND DELIVERY**” will be allowed. Tenders are invited in two bid system i.e. **Techno-Commercial bid and price bid**. Price bids to be submitted **ON LINE** only. (Dates given below is provisional, will be changed after getting approval from competent Authority.)

1	Tender No.:	DGVCL/EE-T-1/DE-T-6/TRANS-REP/2018-19/01
2	Description	Rate Contract for Repairing of failed / damaged/Distribution Transformers having CRGO Core (stack/wound/DRY/PAT/SDT) of various ratings on item wise rates and Amorphous core of various ratings, on fixed rate including internal parts and external parts per unit rate basis, repairing unit should be under DGVCL Jurisdiction or outside DGVCL.
3	Estimated Value of Tender	Rs. 12.37 Cr. Per annum i.e. Rs. 24.74 Cr. for 2 years.
4	Tender Fee in Rs. (non-refundable)	Rs. 11800/- (Rs. 10,000/+18 % GST)
5	Estimated no of repairing of Transformer	Repairing of approximate 6500 nos. of transformers per annum- i.e. @ 13,000 for 2 years
6	Earnest Money Deposit amount in Rs.	Rs. 60,000/-
7	Last Date & Time for receipt of query / clarification on the tender, if any, for pre bid meeting. Query / clarification to be sent by e-mail only	05/06/2018 (On or before 17.00 hrs.)
8	Date, time & venue for Pre Bid meeting, only one person per bidder are allowed in Pre Bid meeting. The bidders who wants to remain in pre bid meeting is requested to intimate on or before date: 05/06/2018 invariably through e-mail only to ceom.dgvcl@gebmail.com with copy to sanjay.parekh@dgvcl.co.in	Date: 08/06/2018 Time: 12.00 hrs. Venue: Conference Hall, DGVCL Corporate Office, Surat.
9	Last date & Time of Online (e-tender) submission of offer (This is mandatory)	20-06-2018 (up to 16.00hrs)

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10	Last Date & Time of submission of “EMD Cover Documents” (in physical form) by RPAD or SPEED POST only	25-06-2018 (up to 16.00hrs.)
11	Date of opening of “EMD Cover Documents” physically as well as preliminary stage in on – line mode	26-06-2018(at 11.00 hrs.)
12	Date of opening of technical bid, Physical as well as in on – line mode	27-06-2018 (at 11.00 hrs.)
13	Date of on-line opening of Price Bid, (If Possible)	02-07-2018 (at 11.00 hrs.)
14	Validity of Tender	120 Days from the date of opening of Technical Bid

AS PER THE NOTICE OF THE INVITATION OF TENDER (NEWS PAPER ADVERTISEMENT), THE TENDER IS INVITED ON E-TENDERING (ON – LINE) SYSTEM, FOR WHICH FOLLOWING CONDITIONS ARE MANDATORY AND ANY DEVIATION WILL BE FOUND IN THE OFFER, THE TENDER / OFFERE WILL BE OUTRIGHTLY REJECTED AND NO ANY FURTHER COMMUNICATION IN THE MATTER WILL BE ENTERTAINED.

[A] All the relevant documents as mentioned in tender(Part III, Clause-30) (given here under) are required to be submitted in physical form in seal cover “**EMD Cover Documents**”, on or before due date and time of submission of tender. All such documents, i.e. “**EMD Cover Documents**”, should be strictly submitted by R.P.A.D. / Speed post only, otherwise the offer will not be considered and no any further communication in the matter will be entertained.

[B] Required documents as mentioned in **Annexure-1** of online tender should be uploaded in technical stage of online bid. In case of non attachment of mandatory document or attachment of wrong document, bid may be rejected at discretion of DGVCL and no any further communication in the matter will be entertained.

[C] Bidders are requested to submit price – bid (Schedule – A & Schedule-B) in on-line (e-tendering form) only. This is mandatory. If price bid is submitted in physical form, the same will not be opened / considered and only on-line submitted price bid will be considered for evaluation.

Any technical questions, information and clarifications that may be required pertaining to this tender, enquiry should be referred to the **CHIEF ENGINEER (O&M.) DAKSHIN GUJARAT VIJ COMPANY LTD., “Urja Sadan”, Nanan Varachha Road, Kapodra Char Rasta, Surat-395 006.**

DGVCL reserves the right to reject/scrap any OR all tenders without assigning any reasons thereof.

FROM:
Chief Engineer (O&M.)
DAKSHIN GUJARAT VIJ COMPANY LTD.
Corporate Office: “Urja Sadan”,,
Nana Varachha Road,
Kapodra Char Rasta
Phone No.: 0261 – 2506151/52
Fax No.: 0261 – 2572636
e-mail :ceom.dgvcl@gebmail.com
website:www.dgvcl.com

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Tender Documents in (PDF Format) which consists of:

Part – I: Instruction to Bidder & Important conditions

Part –II: Qualifying Requirements of the Bidders

Part –III: General Conditions of Contract

Part –IV: Scope of work

Part –V: Schedule –A & Schedule-B of Prices.

Annexure-1: Details required to be furnished by the Bidders

Annexure-A: Process card for repairing of Distribution Transformers

Annexure-B: List of Testing Instruments

Annexure-B1: List of Machinery

Annexure-C: Repairing Work Detail

Annexure-D: Undertaking & Validity

Annexure-E: Undertaking for New Repairing Agency.

Note: - Bidders should be in touch with websites <https://DGVCL.nprocure.com> & www.DGVCL.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.

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

**Chief Engineer (O&M)
DGVCL, SURAT.**

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Part-I

INSTRUCTION TO BIDDERS

- Tender fee is Nonrefundable.
- The Bidders are forbidden from furnishing their **own printed / typed** commercial and other terms and conditions.
- The Bidders shall specifically note that the Tenders are invited on item wise rate for CRGO (**STACK / WOUND/DRY/ PAT/SDT**) Transformers and fixed rate for **Amorphous Transformers including internal parts and external parts. Estimated rates are furnished and bidders have to quote their rates in % above or below the estimated rates excluding GST.**
- The Bidders shall specifically note that the quantities of repairing of failed Transformers are likely to vary as per the actual failure rate and payment shall be made on the basis of actual repairing work carried out.
- The Bidders shall have to submit complete bound sets of their offer.
- The Bidders will ensure submission of the Tenders duly filled in before the due date and time, by R.P.A.D. or Speed Post along with e-Tender only. **Offer by Hand Delivery or by Courier will not be accepted.**
- Bidders are not allowed to transfer their offer to other firm who have not purchased the tender document nor to the firms who have purchased the tender document.
- Seal and Signature with date at all pages of all documents / Annexure are must. The bid which is not opened due to any reason/s in that case the same will not be returned to the bidder in any case / circumstances and no any communication for that.
- Main Envelop Must Contain two envelops as Following:**

1. One envelope containing:

The details and Documents of Tender Fee, EMD and VR fee as applicable.
(Separate – DDs / cash receipts to be enclosed)

2. Second envelope containing:

The tender document along with all Annexure duly filled in and signed as well as stamped on each page as mark of acceptance.

In absence of any of the above, techno-Commercial bid will not be opened / the opening of tender of the party will be at the discretion of the DGVCL.

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 delayed due to postal service or any
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other reasons and DGVCL shall not assume any responsibility for late receipt of tender. Any correspondence in this matter will not be entertained.

- Tender evaluation: L1 bidders (irrespective of new or existing agency) offer shall be considered as base offer and other agency to match with base rate/ offer for placement of order.**
- The DGVCL may split up the work amongst more than one Tenderer. The lowest bid will not be offered the whole contract.
- After opening of the tender and within the validity period no reduction or enhancement in offer price by the tenderer will be entertained. On the other hand, it will make the tender liable for rejection. However management reserves the right for negotiation of rates & terms from among the eligible bidders.
- Conditional Offers shall not be accepted.
- The bidder should have valid PAN No, GST Registration and workman compensation in addition to other statutory compliances. Copy of registration to be submitted.
- Recent test certificates copy of instruments by approved Govt. /NABL laboratory must be submitted - NOT LESS THAN ONE YEAR OLD.

IMPORTANT CONDITIONS

(1) All the relevant documents as per requirement of the Tender is to be submitted physically along with the Tender Fee, EMD & VR fee in sealed cover on or before due date and time. All such documents should be strictly submitted by RPAD/speed post along with e-Tendering only. Otherwise the offer will not be considered and no further communication in the matter will be entertained. The envelope must be with heading of **“Tender No : DGVCL/EE-T-1/DE-T-6/TRANS-REP/2018-2019/01 “ Rate Contract for repairing of distribution Transformers having CRGO Core (STACK / WOUND / DRY / PAT / SDT) & Amorphous Core of various rating on item wise rates for CRGO Core and fixed rate for Amorphous including internal and external parts”.**

(2) Any deviation found in Data / Details / Documents between on line offer (e-tendering) and physically submitted documents (Tender document fee, EMD, VR fee as applicable, 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.

(3) The Price Bid is to be submitted ON LINE only where as Technical Bid is to be submitted in both the forms i.e. On Line as well as Physical.

Note:- Bidders are requested to submit price – bid (Schedule – A/ 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.

(4) It is mandatory for all the bidders to submit their tender documents (technical bid) by both forms viz. on – line (e – tendering) and physically in schedule time. If tender

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documents submitted in only any one form, say either by on line or physically, in that case the same tender will not be considered.

(5) The Techno-Commercial bid shall be opened on-line at date and time mentioned in the tender notice, if possible. Technical and pre-qualification bid details specification will be opened first and subject to evaluation based on the qualification criteria contained in the individual bid document. Price bids of bidders who are assessed and declared as substantially technically responsive on evaluation of the technical bid will be opened for commercial evaluation.

(6) **TENDER FEE**

Tender fee with applicable GST will be accepted at DGVCL, Corporate Office, Kapodra-Surat, Cash counter during office hours on working days through Demand draft drawn on any Scheduled/ Nationalized Bank Payable at DGVCL, Corporate Office, Kapodra-Surat drawn in favour of Dakshin Gujarat Vij Company Ltd. (Cheques are not accepted).

(7) **EARNEST MONEY DEPOSIT:-**

E.M.D. of Rs. 60,000/- (As tender will be split among participating bidders) per bidder is payable through Demand Draft in favor of DGVCL from any Scheduled / Nationalized Banks payable at DGVCL, Corporate Office, Kapodra-Surat. Cheques are not acceptable. No Interest will be allowed / paid against payment of E.M.D.

The **exemption in payment of E.M.D.** shall be given to the Small, Cottage & Tiny industrial units registered under **small scale industries of Govt. of Gujarat** (District Industries Collector) and also holding subsequent registration With NSIC/CSPO/DGS&D registration certificates for the item under tender Subject and to be furnished **authenticated notary certified copy of the Certificates for the works / item under tender subject.**

No relaxation shall be given to the bidders having valid SSI/NSIC certificate of Outside Gujarat State. No relaxation shall be given to the bidders having only one registration number from Government of Gujarat but must with subsequent registration with NSIC/CSPO/DGS&D registration certificates for the item under tender.

NSIC/CSPO/DGS&D certificate more than 03 years old will not be considered and the validity of the same should cover at least the validity period of the tender and thereafter it has to be renewed and submitted immediately.

All the **“SSI” and “NSIC/CSPO/DGS&D” registration certificates** Documents furnished along with the tender submitted by the bidders having **Small, Cottage & Tiny industrial units registered under small scale industries of Govt. of Gujarat** should have clear validity as per the tender and should invariably be renewed as per the norms of **“SSI” and “NSIC/CSPO/DGS&D” registration certificates** Otherwise they shall have to pay E.M.D. and no exemption will be granted.

Tenders submitted without Earnest Money Deposit by the firms, who are not eligible for any exemption, will be rejected without entering in to further correspondence in this regard and no reference will be made.

The SSI & NSIC/CSPO/DGS&D certificate should indicate the works / services of works / services offered under this tender. Provisional Registration Certificates are NOT allowed.

EMD will be released only on payment of security deposit in respect of successful bidder whereas the same will be refunded to others on finalization of the tender / placement of order to successful bidder.

Wherever in the tender, the rate for security deposit and performance guarantee is stipulated as 10% & 5%, the same shall be relaxed to 6% & 3% respectively for Small, Cottage and Tiny works units registered with Govt. of Gujarat (DIC) and also holding Subsequent registration with NSIC/CSPO/DGS&D registration certificates for the Work/services and complying the conditions as above.

Participants not covered under above categories mentioned, will have to pay EMD compulsory, as prescribed, failing which the "Bid" will be treated as "Disqualified Bid" and automatically, stand as "Rejected Bid" at the time of scrutiny of Preliminary / Technical Bid. No Interest will be allowed against payment of Earnest Money Deposit. Copy of Money Receipt or DD for payment of tender fee, Vendor Registration fee as applicable & EMD must be placed in the Cover super scribing "EMD Cover" along with requisite documents as mentioned in the EMD condition. (EMD and Tender Fee cover should be kept as separate enclosure & should be submitted with Technical Bid.) First EMD Cover will be opened and if EMD cover documents found OK as per requirements of tender only then Technical Bid will be opened.

The tender document is to be submitted in **single cover** super scribing tender number and name of tender and containing two separate envelope namely "EMD Cover" and "Technical & Commercial bid" cover which includes commercial terms & conditions duly signed and stamped by bidder with all enclosures of the tender documents.

DGVCL/EE-T-1/DE-T-6/TRANS-REP/-2018-2019/01
E. M. D. BANK GUARANTEE FORMAT

FOR TENDER NO.: DGVCL/EE-T-1/DE-T-6/TRANS-REP/2018-2019/01
(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 (repairing of failed distribution Transformers) (Name of the material / equipment / Work) for _____ **Dakshin 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 **4 (FOUR)** months beyond initial validity of Tender's Offer) 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) hereby give this Bank Guarantee No. _____ dated _____ and hereby agree unequivocally and unconditionally to pay immediately on demand in writing from the **Dakshin 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 **Dakshin 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 **Dakshin 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.

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 DGVCL.

"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 _____ (Date of validity of the Guarantee). Unless demands or claims under this Bank Guarantee is made to us in writing on or before _____ (**Date of**

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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, e-Mail ID and Fax Nos.	Signature of the Bank's Authorized Signatory with Official Round Seal and contact number.
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NAME OF DESIGNATED BANKS: All Nationalized & Scheduled Banks.

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

PART-II

Qualifying requirements of the bidders

(A) Bidders who fulfill any of the following criteria are eligible for offering the bid.

1. Gujarat State firms or outside Gujarat state firms, who have got adequate facility for repairing and testing of distribution Transformer and have **supplied** at least 100 nos. of new Distribution Transformers **CRGO core of 1-ph 5KVA 11 KV /0.250V, 3-ph 10KVA, 16KVA, 25KVA, 50KVA, 63KVA, 100KVA, 200KVA, 300KVA & 500KVA of 11 /22 KV capacities & Amorphous core 5/10/16/25/ 63/ 100/ 200 KVA of 11 /22 KV** against Purchase Orders issued by DGVCL/ MGVCL/ /PGVCL/ UGVCL/ SEBs/ Power Utilities during last three financial years & have repairing set up in jurisdiction of DGVCL OR outside jurisdiction DGVCL area..
2. Gujarat state based existing Transformer repairing agencies who are engaged in repairing of the CRGO & / Amorphous core Transformers under the existing rate contract awarded by the DGVCL/ MGVCL /PGVCL/ UGVCL Companies which are having satisfactory performance for the repairing of OGP & WGP failed Transformers and willing to repair the additional CRGO & / Amorphous core transformers within or outside jurisdiction of DGVCL of **1-ph 5KVA 11 KV /0.250V, 3-ph 10KVA, 16KVA, 25KVA, 50KVA, 63KVA, 100KVA, 200KVA, 300KVA & 500KVA of 11-22 KV capacities & Amorphous core 5/10/16/25/ 63/ 100/200 KVA of 11-22 KV ratings** by developing necessary new facility required for repairing of CRGO & / Amorphous core transformers. To ascertain their new repairing ability for repairing of CRGO & / Amorphous core transformers, they will be awarded the contract on **“Trial basis”** to ensure the satisfactory repairing of the transformers having CRGO & / Amorphous core at discretion of DGVCL.
3. Any new entrepreneur who is willing to set up repairing facility and capable of repairing CRGO & / Amorphous transformers of various ratings have applied for vendor registration by paying VR fees and confirming to set up the unit within 120 days from the date of LOI/LOA at approved location. New interested repairers/firms who have already paid vendor registration fee and validity of vendor registration is in force, are eligible to participate in the tender.

The agencies which are debarred/ blacklisted/ stop deal by GUVNL Group companies will not be eligible for offering the bid.

Eligible bidders, who are fulfilling above-mentioned criteria, in their own interest, are advised to go through the all terms, conditions and instructions very carefully and only then and then submit their offer.

The bidder must confirm that they own or have legal possession of repairing Factory / workshop or are willing to establish the same within the jurisdiction of DGVCL OR outside jurisdiction DGVCL.

(B) Registration:

1. Supplier/s:

The supplier/s who is having the repairing unit for the repairing of CRGO & Amorphous core Transformers established for repairing of their Within Guarantee failed transformers in the jurisdiction of DGVCL or outside jurisdiction DGVCL shall have to apply for separate vendor registration by paying VR fees of Rs.15000/- (plus applicable GST) for factory within the Gujarat State and Rs 50000/- (plus applicable GST) for factory within country but out of Gujarat State(For Micro and Small Industries (non-refundable) by DD payable at Kapodra-Surat and produce in EMD cover along with tender technical bid.

2 . Existing Repairing Agencies:

Separate vendor registration/ re-registration for Amorphous and CRGO (STACK / WOUND / DRY / PAT / SDT) Transformers as per prevailing rules of vendor registration on chargeable basis for all agencies are required. Agency can register for CRGO (STACK / WOUND / DRY / PAT / SDT) & Amorphous in a single registration wherein CRGO (STACK / WOUND / DRY / PAT / SDT) & Amorphous both shall be mentioned. **The validity of vendor registration shall be 5 years. The existing vendor should apply for re-registration at least two months before the date of expiry of their existing registration.**

During vendor registration/ Re registration practice, agency shall have to satisfy the tender **clause No. 44 of part IV** for minimum requirement for repairing agency & and have **0.5 class accuracy** or better for metering instruments.

All Annexure are compulsory to fill for all bidders.

3. New Repairing Agencies:

(Repairing unit should be within jurisdiction of DGVCL OR outside)

New interested repairers/firms who have already paid vendor registration fee are eligible to participate in this tender and who have not paid vendor registration (VR) fee also eligible to participate in tender by paying VR fees by DD payable at Kapodra-Surat at the time of participating tender and produce in EMD cover along with tender technical bid.

During registration, party has to submit the documents of proposed location of factory & undertaking to establish the factory set-up along with all testing instruments & machinery as per Annexure-B & Annexure-B-1 within 120 days' time limit from date of LOI/LOA at approved location. However, DGVCL reserves the right to extend this time limit of 120 days in exceptional circumstances.

Feasibility of proposed site of factory location from approachability point of view shall be verified by DGVCL for such new bidders before technically qualifying the bidder & if found suitable, the bidder shall be technically qualified based on the documents submitted. Price bid of such new bidders shall be opened only if the bidder fulfills the requirement of vendor registration & technically accepted.

In case, the bid of such vendor found acceptable, LOI/LOA shall be issued to such bidders, subject to establishing the factory within 120 days from the date of LOI/LOA. Subsequently a trial order for a quantity of **10 (Ten) Nos.** of different capacity

transformers shall be issued after complete establishment of factory and found satisfactory during inspection. If the agency fails to establish factory set-up within time frame or is not considered for vendor registration then the LOI/LOA so issued shall be withdrawn. In such case, EMD shall stand forfeited.

If new agency establishes the factory within time frame & complete all formalities related to Vendor registration like satisfactory completion of LOI etc, A/T (Acceptance of tender) of bidder shall be released.

The bidder should have adequate & experienced resources to ensure proper design, engineering, and quality control and safety practices. Bidder to submit the suitable required details of such resources for job awarded against this tender.

(C) SOLVENCY:

Existing Repairer will have to submit latest solvency certificate from scheduled Bank as per prevailing Government of Gujarat Norms (Not more than three months old) for amount of **Rs. 1 Lacs**. New agency has to furnish solvency certificate for **Rs. 5 Lacs** from any nationalized Bank.

DGVCL reserves the right to call for any additional requirement and also reserves the right to reject the proposal of any bidder, if in the opinion of the DGVCL, the qualification data is incomplete or the bidder is found not qualified to satisfactorily perform the works.

For all the above, attested documentary evidence should be furnished.

PART-III

General Condition of Contract

1. DEFINITION:

- The "DGVCL" shall mean the DAKSHIN GUJARAT VIJ COMPANY LTD., having its Corporate office at Kapodra-Surat. 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 DGVCL for award of the contract and shall include his authorized representatives.
- The "Engineer-in-Charge" shall mean the authorized officer of the DGVCL 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, Annexure and drawings.
- The "Order" shall mean the official letter issued by the DGVCL, informing the bidder that his tender has been accepted.
- The "Contract" shall mean the agreement to be entered into by the DGVCL with the contractor and shall include the commercial technical and general conditions, schedules, Annexure, 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 DGVCL and calculated from the quantities indicated in the tender.
- The "Guarantee Period" shall mean the period during which the Contractor shall remain liable for replacement / repair and maintenance of any defective parts / work performed by the Contractor under the contract
- The "Completion Period" shall mean the period starting from the date of issue of "Order" and required to complete the work in all respect as specified in the Scope of work.
- The "Work" shall mean activities to carry out for repairing of the failed / damaged Distribution Transformers.
- "Inspector" shall mean the any person nominated by DGVCL from time to time to inspect the equipments, material stores or repairing works under the contract and/or duly authorized representative of the DGVCL.
- "Notice of Award of Contract/Letter of Award" shall mean the official notice issued by the DGVCL notifying the contractor that his bid has been accepted.
- "Date of Contract" Shall mean the date on which notice of award of contract /Letter of award-A/T 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 mean the continuous period of seven days.
- HV means High Voltage, HT means high Tension.
- LV means Low Voltage, LT means low Tension.

Signature of the Tenderer

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2. INVITATION OF TENDER:

The CHIEF ENGINEER (Tech), **DGVCL** for and on behalf of " **DAKSHIN GUJARAT VIJ COMPANY LTD.**", having its Corporate Office at, Kapodra-Surat , hereafter called the "**DGVCL**" intends to INVITE Tender for Rate Contract for Repairing of failed / damaged Distribution Transformers having CRGO core(STACK/ WOUND / DRY / PAT / SDT) of various ratings on item wise rates & **Amorphous Core of various ratings on fixed rate including internal parts and external parts per unit rate basis.**

- 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 Rate Contract for Repairing of Distribution Transformers having CRGO core of various ratings on item wise rates & Amorphous Core of various ratings on fixed rate including internal parts and external parts per unit rate basis.**
- 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. All those who are found technically competent to carry out the job will be considered as qualified bidders and only their financial bid i.e. price bid will be opened.

3. BID PRICE:

The bidder shall quote in the appropriate schedule-A and B of bid form on item wise rate and fixed rate for scope of the works as specified separately in the schedule-A & schedule-B respectively.

4. AMENDMENT TENDER

- At any time prior to the deadline for submission of bids, DGVCL 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 N-procure Website. DGVCL will bear no responsibility or liability arising out of non-compliance of the same in time or otherwise.
- In order to afford prospective bidder's reasonable time in which to take the amendment into account in preparing their bids, DGVCL may at its discretion, extend the deadline for the submission of bids.
- 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 amended documents as a part of the bid.

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5. SUBMISSION OF TENDER :- (By RPAD or SPEED POST only)

- The Bidders must ensure that all the schedules and Annexure are completely filled in their tender 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 bidder or by authorized person in way of power of attorney 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 specification Number and the bid opening date and time.
- The bids will be opened at the time and date set for opening of bids.
- The DGVCL reserves the right to reject any bid, which is not deposited according to the instructions and condition of bid stipulated above.

The Price Bid is to be submitted ON LINE only where as Techno-commercial Bid is to be submitted in both the forms i.e. On Line as well as Physical.

Note:- Bidders are requested to submit price – bid (Schedule – A & 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.

6. 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 to be out rightly rejected in case the bidding schedules are not filled and if the prices and particulars are not given in format prescribed in the tender documents.
- Further the offer is liable summarily rejected if it contains.
 - a) Deviation and contradictions to the terms and conditions specified in this tender.
 - b) Revision of prices or any commercial terms affecting the price after opening of technical bids shall not be considered and will be ignored.

7. 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.

8. 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.

- Bid by a partnership must be furnished with full names of all partners and be signed with the partnership name, followed by the signature (s) and designation (s) of the authorized partner (s) or other authorized representative(s).
- 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', 'Agent' or other designation without disclosing his principal will be rejected.
- 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.
- Bids not conforming to the above requirements of signing shall be disqualified.

9. DOCUMENTS COMPRISING THE TENDER

- The bidder should submit the required information asked in tender document
- Oral statements made by the bidders at any time regarding quality, quantity or arrangement of the materials 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 shall also submit documentary evidence to establish that the bidder meets the qualification requirement

10. POLICY FOR BIDS UNDER CONSIDERATION

Bids shall be deemed to be under consideration immediately after they are opened and until such time official intimation of award/rejection is made by the DGVCL to the bidders. While the bids are under consideration, bidders and/ or their representatives or other interested parties are advised to refrain from contacting by any means the DGVCL and/ or his employees/ representatives on matters related to the bids under consideration. The DGVCL, if necessary, will obtain clarifications on the bids by requesting for such information from any or all the bidders, either in writing or through personal contact, as may be necessary. Bidder will not be permitted to change the substance of the bid after the bid has been opened.

11. EFFECT AND VALIDITY OF TENDER

- The submission of any bid connected with these documents and specifications shall constitute an agreement that the bidder shall have no cause of action or claim, against DGVCL for rejection of his bid. The DGVCL shall always be at liberty to reject or accept any bid or bids at his sole discretion and any such action will not be called into question and the bidder shall have no claim in that regard against the DGVCL.
- The bid should be kept valid for a period of **120 DAYS** from the date set for opening of **Technical bids**.
- DGVCL may ask for extension in validity period. The bidder will be at liberty to accept it or not. In case bidder agrees to extend the validity period without changing his original offer, he will be required to extend validity period of the Bank Guarantee (Submitted against the EMD) suitably.

12. SCHEDULE PRICE BID

- BIDDER is requested to offer the price in schedule A & B. No partial work to be offered and if offered same will not be considered.

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- The prices quoted shall be Exclusive of GST and the GST component should be clearly mentioned in the price breakup.
- The rate quoted shall be inclusive of freight, transportation, loading, unloading of the material utilized for the repairing work in the repairing unit, insurance covering loss / damage due to theft, accidents, etc.
- The quoted price of the tender shall be firmed price.

13. INSURANCE

The contractor at his cost shall arrange, secure and maintain all insurance as may be pertinent to the work and obligatory in terms of law to protect his interest and interests of DGVCL. 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 from any contractual responsibilities and obligations. Any loss, theft 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 transfer of title shall not in any way relieve the contractor from above responsibilities during the period of Contract. The contractor shall provide with copy of all insurance policies and documents taken out by him in pursuance of the Contract to DGVCL immediately after such insurance coverage. The Contractor shall also inform the DGVCL in writing at least sixty (60) days in advance regarding the expiry/cancellation and/or change in any of such documents and ensure re-validation ,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 (repairing work risks) workman compensation risks, loss of damage in transit, theft, pilferage, riot and strikes and malicious damages, civil commotion, whether conditions, accidents of all kinds etc.

14. UNLAWFUL ACTIVITIES

The contractor shall have to ensure that none of its employees are engaged in any unlawful activities (whether covered under the Scope of the present General condition of the contract or Not).

15. CHANGE/VARIATION ORDER

During execution of the contract, DGVCL reserves the rights to increase or decrease the scope of services envisaged under the contract. Such increase or decrease in the scope of services shall be governed by the rates agreed under the contract.

16. CONFIDENTIALITY

Contractor and its employees or representatives thereof shall strictly maintain the confidentiality of all data's , documents, papers, correspondence and any other information relating to the DGVCL, its business, operations, divulge or communicate to any third party or use for its own purpose any above mentioned information, etc. The Contractor shall neither disclose nor use the above for any purpose whatsoever without prior written approval to DGVCL. In case of violation of this clause, the Contractor is liable to pay compensation and damages as may be determined by the competent authority of the DGVCL.

17. ASSIGNMENT OR SUBCONTRACTING

Contractor shall not assign in part or otherwise any portion of this contract. No work shall be subcontracted without DGVCL Engineer-in-Charge prior written approval.

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The contractor should also ensure that sub-contractor or any of the personnel deployed is not an employee of DGVCL. Also if any Ex-Employee of DGVCL is deployed, specific written permission of DGVCL shall be obtained by the Contractor.

18. SUSPENSION OF WORKS

In the event of any obstruction/ exigency at site, or change in the scheme, or due to any other reason, if work is suspended on the instructions of the company, extension of the time may be considered by the DGVCL on merit and on the written request of the Contractor and entirely at the company's sole discretion only. No claim for any compensation on this account will ever be entertained.

19. REPLACEMENTS

DGVCL has right to instruct the Contractor to change the Sub-Contractor or skilled/ unskilled workers in case the conduct, the workmanship or speed of the work is not satisfactory.

20. CANCELLATIONS

Company reserves the right to cancel, at its sole discretion, all or any terms of this General condition of the contract or any contract, order or terms agreed between the parties in pursuance, without assigning any reasons and without any compensation to the Contractors.

21. UNSATISFACTORY PERFORMANCE/ TERMINATION

In the event of Contractor not being in a position to execute the contract or any part thereof, to the company's satisfaction, or any other similar reason, the company will be entitled to make alternative arrangements to complete the work at Contractor's costs, risks and responsibility and/or terminate the contract at its sole discretion, and claim damages as deemed fit by the DGVCL.

22. COMPANY'S RIGHT TO USE WORKS

If taking over certificate is delayed for any reason, for which DGVCL's decision shall be final and binding upon the Contractor, the DGVCL shall be entitled to use the works or portion thereof without affecting Contractor's responsibility and liability to complete the balance works as per Company's directives from time to time, though Contractor shall be afforded reasonable opportunity by the DGVCL to enable to complete all balance works required for issuance of Taking Over Certificate by the Company.

23. DGVCL'S RIGHT

- The DGVCL 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 DGVCL will be entitled to deduct directly from the bills to be paid to the contractor, any sum or sums payable by him and which sum/sums the DGVCL is required to pay as a principal employer on account of contractors default in respect of all liabilities referred to.
- The Bidders shall specifically note that any overwriting 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.

- DGVCL 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 CHIEF ENGINEER (Tech), DAKSHIN GUJARAT VIJ COMPANY LTD, Kapodra-Surat will be final and binding upon the Bidders and no dispute in this regard will be entertained.
- DGVCL reserves the right to accept any bid or reject any or all Tenders or cancel /withdraw INVITATION to bid without assigning any reason. Such decision of the DGVCL shall not be subject to question by any Bidders and the DGVCL shall bear no liability whatsoever for such decision.
- DGVCL reserves the right to change, increase or decrease the Nos. of transformers depending upon the exigency of work.

24. UNDERSTANDING, CLARIFICATIONS 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 DGVCL in triplicate. The DGVCL, 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 DGVCL or his employee(s) or his representative(s) shall not in any way be binding on the DGVCL.

25. ARITHMETICAL ERRORS

The repairer will correct arithmetical errors during evaluation of price proposals on the following basis:

- (a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected:
- (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) If there is a discrepancy between words and figures, the amount in words shall prevail. However, where the amount expressed in words is related to an arithmetic error, the amount in figures shall prevail subject to (a) and (b) above.
- (d) If there is a discrepancy between percentage and figures related to various taxes or levies, the percentage shall prevail over figure mentioned.

However, where the amount expressed in percentage is related to an arithmetic error, the amount in figures shall prevail subject to (a) and (b) above. It should also be noted that at time of payment, the prevailing tax/levy rates will be used as on the date of approval of payment.

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- (e) Except as provided in sub-clauses (a) to (d) herein above, the Purchaser shall reject the price proposal if the same contains any other computational or arithmetic discrepancy or error.
- If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited.
 - All items in the Price Schedule-A & B must be listed and priced separately in the Price Schedules. If an item listed in Price Schedule is not priced, their prices shall be assumed to be included by the bidder in the prices of other items.

26. AWARD OF CONTRACT

- Notification of award of contract will be made in writing to the successful bidder by the DGVCL.
- 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 DGVCL 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.
- The DGVCL shall have right to obtain the agreement, order and other conditions entered into by the contractor with any of the sub-contractor/s. The technical particulars of the work to be executed by sub-contractor shall be subject to approval of the DGVCL.

- DGVCL Reserves the right to award separate contract to two or more parties in line with the terms and conditions specified in the specification.

27. SIGNING OF CONTRACT

- a. At the same time as DGVCL notifies the successful bidder that its bid has been accepted, DGVCL will send the detailed letter of award to bidder.

- b. Within 15 days of receipt of the detailed letter of award, the successful bidder shall sign with date the same and return it to DGVCL.

28. MANNER OF EXECUTION OF CONTRACT

- a. DGVCL after the issue of the letter of award to the contractor will send one copy of the final agreement to the contractor for his scrutiny and approval.

- b. The agreement unless otherwise agreed to shall be signed within 15 days of the acceptance of the letter of award, at the office of The Superintending Engineer of respective circle office on a date and time to be mutually agreed.
- c. The contractor shall provide for signing of the contract, performance guarantee in six copies, appropriate power of attorney and other requisite materials. In case the contract is to be signed beyond the stipulated time, the bid guarantee submitted with the tender will have to be extended accordingly. Agreement will be signed in six originals and the contractor shall be provided with one signed original and the rest will be retained by the DGVCL. The contractor shall provide free of cost to the DGVCL all the engineering data, drawings and descriptive materials submitted with tender to form a part of the contract immediately after issue of letter of award. Subsequent to signing of the contract, the contractor at his own cost shall provide the DGVCL (At the office of C.E.-OM) with at least **five** true copies of agreement within 15 days after the signing of the contract.

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29. COMPLETION PERIOD:

The Bidders should agree with transformer repairing work in all respect as per terms and conditions of the scope of work mentioned separately.

30. DOCUMENTS FOR APPROVAL

The contractor should submit the following documents for approval to DGVCL.

- (1) S.S.I. Registration with NSIC/CSPO/DGS&D registration certificates
- (2) I S. O. 9001-2008 Co. **(Preferably to submit)**
- (3) I S. O. 14001-2004Co. **(Preferably to submit)** (Environment Management System)
- (4) Testing Facility for repairing of transformers.
- (5) Vender Registration/Approved with DGVCL for all material to be purchased for project.
- (6) GST Registration No.
- (7) PAN No.
- (8) Details of qualified Engineer & total No of Staff available.

31. DEDUCTIONS FROM CONTRACT PRICE

All costs, damages or expenses with the DGVCL may have paid for which under the Contract the Contractor is liable, will be recovered by the DGVCL. The DGVCL may deduct the amount, from any monies due or becoming due by him to the Contractor under the Contract or any other contract between the DGVCL and Contractor or may be recovered by the actions of law or otherwise.

32. DEMURRAGE, WHARF AGE ETC.

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

33. CONTRACTORS DEFAULT

If the contractor shall neglect to execute the Works with due diligence and expedition or shall refuse or neglect to comply with any reasonable orders given to him, in writing, by the DGVCL in connection with the work or shall contravene the provisions of the contracts, the DGVCL may give notice in writing to the contractor to make the good the failure, neglect or contravention complained of. Should the contractor fail to comply with the notice within 15 days from the date of service thereof, then and in such case the DGVCL shall be in liberty to employ other workmen and forthwith execute such part of the works as the Contractor may have neglected to do or if the DGVCL shall think fit it shall be lawful for him, without prejudice to any other right he may have under the contract, to make the works wholly or in part out of the Contractor's hands and re contract with any other person or persons, complete the works or any part thereof and in that event the DGVCL shall have free use of all Contractor's equipment that may have been at the time on the site in connection with the works without being responsible to the Contractor for fair wear and tear thereof and to the exclusion of any right of the Contractor, over the same and DGVCL shall be entitled to retain and apply any balance which may otherwise due on the Contract by him to the Contractor, or such part thereof as may be necessary, to the payment of the cost executing the said part of the works or executing a part thereof is aforesaid shall exceed the balance due to the Contractor, the Contractor shall pay such excess. Such payment of excess amount shall be independent of the liquidated damages for the delay which the Contractor shall have to pay if the completion of works is delayed.

The termination of the Contract under this clause shall not entitle the Contractor to reduce the value of the Performance Guarantee nor the time thereof. The performance Guarantee shall be valid for the full value of the full period as originally stipulated in the contract.

34. PAYMENTS IF CONTRACT IS TERMINATED

If the contract shall be terminated as aforesaid, the Contractor shall be paid by the DGVCL (Insofar as such amounts shall not have already been covered by payments on account made to the Contractor) for all work executed and accepted by the DGVCL prior to the date of termination at the rates and prices provided in the Contract and in addition:

- (a) The amount payable in respect of any preliminary items, so far as the work or service comprised therein has been carried out or performed and an appropriate portion as certified by the DGVCL of any such items of the work or service comprised which has been partially carried out or performed

In the event of any dispute in regard to the price of the works and portion of the payment to be made to the Contractor, the decision of the DGVCL shall be final.

The contractor will be further required to transfer the title and provide the DGVCL with the following, in the manner and as directed by the DGVCL

- (a) Any Completed Works
- (b) Such partially completed works including Drawing, Information and Contract rifts as the Contractor has specifically performed, produces or acquired for the performance of the contract.

35. TERMINATION OF THE CONTRACT BY THE DGVCL

The DGVCL may terminate the Contract after giving seven (7) days' notice if any of the following occurs:

- a) If the Contractor commits any "Acts of Insolvency" or shall be adjudged an insolvent, or shall make an assignment or composition for the greater part in number of amounts of his creditors, or shall enter into a deed of Assignment with his creditors, or being an Incorporated Company shall have an order made against him or pass an effective Resolution for winding up either compulsory or subject to the supervision of the Court or Voluntary, or if the Official Assignee of the Contractor shall repudiate the Contract, or if the Official Assigner or the Liquidator in any such winding up shall be unable, within the seven days after notice to him requiring him to do so, to show, to the reasonable satisfaction of the DGVCL that he is able to carry out and fulfill the contract and if required by the DGVCL to give security thereof if the Contractor (whether Individual firm or Incorporated Company) shall suffer any payment under the contract to be attached to by or on behalf of any of creditors of the Contractor or if the Contractor shall assign or sublet the contract without obtaining through consent in writing of the DGVCL or if Contractor shall charge or encumber this contract for any payment due or which may become due to the contractor there-under.
- b) Has abandoned the contract or
- c) Has failed to commence the work or has without any lawful excuse under these conditions, suspended the progress of the works for seven (7) days after receiving from the DGVCL / Engineer written notice to proceed, or
- d) Has failed to proceed with the works with such due diligence and failed to make sue progress as would enable the works to be completed within the time agreed upon, or
- e) Has failed to remove the materials from the site or to pull down and replace the works within the seven (7) days after receiving from the DGVCL/ Engineer written notice that said materials or works were condemned and rejected by the Engineer under these conditions, or
- f) Has neglected or failed persistently to observe and perform all or any of the acts, matters or things by this contract to be observed and performed by the Contractor for

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seven (7) days after written notice shall have been given to the Contractor requiring the Contractor to observe or perform the same, or

- g) On termination of the contract for any cause the Contractor shall see the orderly suspension and termination of operations, with due consideration to the interest of the DGVCL with respect to the Completion, safeguarding or storing of equipment produced for the performance of the Contract and the salvage and resale thereof or any other lawful reason which deems fit to the DGVCL.

36. GRAFT & COMMISSION ETC.

Any graft, commission, gift or advantage given, provided or offered by or on behalf of the Contractor or his partner, agent, officers, director, employee or servant or any one on his or their behalf in relation to the obtaining or to the execution of this or any other contract with the DGVCL, shall, in addition to any criminal liability which may incur, subject to contractor to the cancellation of this and all other contracts and also to payment of any loss or damage to the DGVCL resulting from any cancellation. The DGVCL shall then be entitled to deduct the amounts so payable from any money otherwise due to the Contractor under the Contract or any other Contract

37. LANGUAGES AND MEASURES

All documents pertaining to the Contract including specification, schedule, notices, correspondence, operating and maintenance instructions, drawings or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in the Contract

38. RELEASE OF INFORMATION

The Contractor shall not communicate or use in advertising, publicity, sales, releases or in any other medium, photographs or other reproduction of the works under this contract or description of the site, dimension, quantity, quality or other information, concerning the works unless prior written permission has been obtained from the DGVCL.

39. JURISDICTION OF CONTRACT

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

40. ENFORCEMENT OF TERMS:

The failure of the either party to enforce at any time any of the provisions of this contract or any rights in respect thereto or to exercise any option therein provided, shall in no way be construed to be a waiver of such provisions, rights or options or in any way to affect the validity of the contract. The exercise by either party of any of its rights herein shall not preclude or prejudice either party from exercising the same or any other right it may have under the contract.

41. FORCE MAJUERE

"D.G.S. & D. FORCE MAJUERE CLAUSE"

"If, at any time during the continuance of this contract, the performance in whole or any 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, lock-outs 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 be 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 or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such event has come to end or ceased of exist, and the decision of the Managing Director as to whether the deliveries have been so resumed or not shall be final and conclusive.

Provide further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract is terminated under this clause, the Principal agency shall be at liberty to take over from the Contractor at a price to be fixed by the Managing Director, which shall be final, all used undamaged and acceptable materials brought out components and stores in course of manufacture in the possession of the contractor at the time of such termination or such portion thereof as the Purchaser may deem fit excepting such materials, brought out components and stores as the contractor may with concurrence of the Purchaser elect to retain."

- Notwithstanding any provision mentioned above, the DGVCL shall not be in any way be liable for non-performance either in whole or in part of any contract or for any delay in performance thereof in consequence of strikes, shortages, combination of labour or workman or lockout, breakdown or Accident to machinery or accidents of whatever nature.
- The Contractor or the DGVCL shall not be liable for delays in performing their respective obligations resulting from any force majeure causes as defined above. The date of completion will be extended by a reasonable time by the competent authorities of the DGVCL, by mutual agreement.
- In case of damage or destruction of any property or equipment belonging to the Contractor due to force majeure causes, the DGVCL shall not be liable for the same.

42. ARBITRATION

All questions, disputes or differences whatsoever, which may, at any time, arise between the parties i.e. the DGVCL 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, DGVCL 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 **Kapodra-Surat, Corporate Office of DGVCL** 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 the DGVCL shall be withheld unless they are the subject matter of the Arbitration proceeding.

43. 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 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

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

- In case the DGVCL 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, the DGVCL may make such payment and shall recover the same from the Contractor's bills.

44. COMPLIANCE WITH LABOUR REGULATION:

During continuance of the contract, the contractor and his sub-contractors shall abide at all times by all applicable existing labour enactments and rules made there under, regulations, notifications and bye laws of the state or central government or local authority and any other labour law (including rules) regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the state or the central government or the local authority. The employees of the contractor and the sub-contractor in no case shall be treated as the employees of the DGVCL at any point of time.

45. CONTRACTORS TO INDEMNIFY THE DGVCL

The Contractor shall indemnify the DGVCL and every officer and employees of the DGVCL including, Engineer-in-charge and his staff against all actions, proceedings, claims, demands, cost and expenses whatever, arising out of or in connection with the matters referred herein above and elsewhere and against all actions, proceedings, claims, demands, costs and expenses which may be made against the DGVCL or Government for or in respect of performance of its obligation under the contract documents.

46. WORKMAN'S COMPENSATION AND EMPLOYERS LIABILITY INSURANCE

Insurance shall be affected for all the Contractor's employees engaged in the Performance of this contract. If any of the work is sublet, the Contractor shall require the Sub-Contractor to provide workmen's employer's liability insurance for the latter's employees and ensure that such employees are covered under the Contractor's Insurance.

47. WORK & SAFETY REGULATIONS

The contractor shall ensure proper safety of all the workmen, materials, plant and equipment belonging to him or to the DGVCL 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 the DGVCL in this regard.
- The contractor shall provide suitable safety equipment of prescribed standard to all employees and workmen according to the need, as may be directed by the engineer

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who will also have right to examine these safety equipment to determine their suitability, reliability, acceptability and adaptability.

- The contractor shall not interfere or disturb electric fuses, wiring and other electrical equipment belonging to the DGVCL or other contractors under any circumstances, whatsoever, unless expressly permitted in writing by the DGVCL to handle such fuses, wiring or electrical equipment.
 - 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.
 - It is mandatory for the contractor to observe during the execution of the works, requirements of safety rules.
 - The contractor shall follow and comply with the employer's 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 employer's safety rules referred above, the latter shall be binding on the contractor unless the statutory provisions are more stringent.
- If the contractor fails in providing safe working environment as per employer's safety rules or continues the work even after being instructed to stop work by the engineer, the contractor shall promptly pay to the DGVCL, on demand by the employer, compensation at the rate of Rs.5000/- per day of part thereof till the instructions are complied with and so certified by the engineer. If the contractor does not take all safety precautions and/or fails to comply with the safety rules as prescribed by the DGVCL or under the applicable law for the safety of the equipment and plant and for the safety or personnel and the contractor does not prevent hazardous conditions which cause injury to his own employees or employees of other contractors or DGVCL's employees of any other person who are at site or adjacent thereto, the contractor shall be responsible for payment of compensation to the DGVCL.

48. DEFENSE OF SUITS

If any action in court is brought against the DGVCL or the Engineer or an officer or agent of the DGVCL for the failure, omission or neglect on the part of the contractor to perform any acts, matters, covenants or things under the Contract or for damage or injury caused by the alleged omission or negligence on the part of the Contractor, his agents, representatives or his SUB VENDOR/ SUB CONTRACTOR: or in connection with any claim based on lawful demands of SUB VENDOR/ SUB CONTRACTOR, workmen, suppliers or employees, the Contractor shall in all such cases indemnify and keep the DGVCL or the Engineer and/or his representatives harmless from all losses, damages, expenses or decrees arising out of such action.

The DGVCL shall have full power and right at his discretion to defend or compromise any suit or pay claim or demand brought or made against him as aforesaid whether pending or threatened, as he may consider necessary or desirable and shall be entitled to recover from the Contractor all sums of money including the amount of damages and compensation and all legal cost, charges and expenses in connection with any compromise or awards which shall not be called into question by the Contractor and shall be final and binding upon him.

49. SECRECY

The technical information, drawings, specifications and other related documents forming part of the enquiry or Contract are property of DGVCL 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 DGVCL only and no part or partial should be reproduced, copied or alter without prior permission to the DGVCL in writing. In the event of the breach of this provision, DGVCL can claim the damages caused by such events.

PART-IV
SCOPE OF WORK

1.0 PERIOD OF CONTRACT:

The contract for repairing of failed distribution transformer shall be for **two years** from the date of execution of agreement and based upon the performance, necessary extension shall be given **on mutual discussion and as per agreement**. From performance, filed office comments and suggestions are to be taken into consideration.

2.0 RATES:

The rates for various items shall be as per the Schedule-A & B attached. The price bids as above / below the rates.

3.0 TRANSFORMER RATING:

- 11 KV / 250 V, 1-Phase Transformer - 5 KVA
- 11 KV / 433 V, 3-Phase Transformer (Stack/Wound/Dry/SDT/PAT/ Any other) - 10 to 500 KVA
- 22 KV / 433 V, 3-Phase Transformer (Stack/Wound/Dry/SDT/PAT/ Any other) - 16 to 500 KVA
- 11 / 22 KV, 3-Phase Amorphous Transformer - 5 to 200 KVA
- Special Design Transformers

The Transformers will be either sealed or bolted type and either with copper or aluminum winding. The transformers will be made available from any distribution Circle as decided by DGVCL. However, actual quantity and rating of transformers which may be given for repairs will vary depending on the performance of units repaired by you, quickness in repairing, technology adopted for repairing and testing instruments and economical quality repair of transformers.

4.0 ESTIMATE APPROVING AUTHORITY

- A) CRGO (Stack/Wound/Dry/SDT/PAT/Any Other) Transformers:** External and internal inspection of failed transformers is to be done in presence of authorized representative of DGVCL. Based on this, repairer will prepare an estimate for items to be repaired as per approved item rate and submit report to concerned SE (O&M) for approval. The repairer will give advance intimation for witnessing the external and internal inspection. The failed transformers shall not be opened in absence of authorized representative of DGVCL. Only after approval of estimate, the repairing work has to be attended. Repairing cost 25% of NEW transformers are given as under. (New Transformer Cost has taken as submitted by Procurement department of successful bidders).

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Sr. No.	Capacity in KVA	Voltage Class				22 KV (Amt in Rs.)
		11 KV (Amount in Rs.)				
		3 Star & other	4 Star	Level-1	Level-2	
01	1-ph 5 KVA	5422	6206	0	0	0
02	10 KVA	8716	7707	8010	0	0
03	16 KVA	8696	11729	8475	10851	16455
04	25 KVA	10124	15651	9859	13998	18889
05	63 KVA	20423	23684	0	22137	33661
06	100 KVA	24609	31094	0	27700	48700
07	200 KVA	47170	65139	0	55986	87710
08	500 KVA	148260	193768	0	198914	161287

The estimate for repairing cost more than 25% of price of new transformer up to 30 % cost of the new transformers can be approved by concern SE (O&M) with proper justification with a copy to the C.E. DGVCL for information. The estimate for repairers with more than 30% of cost of new transformer as per has to be sent to C.E. DGVCL. If the estimate for repairing is exceeding 30% of price of new transformer for 5, 10, 16, 25, 63, 100, 200 & 500 KVA 11KV class and 5,10,16,25,63,100,200 & 500 KVA for 22KV and not repairable, the transformer has to be made scrap and to intimation be sent to the C.E. DGVCL. The transformers of old and obsolete designs, heavily damaged tank/radiator, copper winding and core are to be scrapped.

In case of damage of core and tank, the transformers are to be declared scrap and transformer with all the parts are to be deposited to Division store. The internal inspection team is instructed to seal the transformer at site & Division JE TMS have to fill the Transformers immediately and proceed for scrap proposal.

The Joint internal inspection of failed distribution transformers **MUST** be carried out by the concerned EE (O&M) along with One EE/DE of Circle office and JE (TMS). Opening of transformer activity shall be started only in presence of DGVCL's representative. If transformer will be found opened before the arrival of DGVCL'S representative at the works of repairing agency, then the estimate shall not be approved for repairs of failed transformers and further transformer shall not be allotted to the repairing agency.

- A) Amorphous Transformer:** The estimate of repairing cost based on fixed rate as per schedule-B for various ratings of transformers is required to be submitted to the concerned SE (O&M) of circle & EE (O&M) of Division for approval. There is no need to carry out internal or external inspection by DISCOM officers. **However, internal inspection is compulsory for 63, 100 and 200 KVA Copper wound jobs and 200 KVA Aluminum wound jobs in which rates are given per limb/Coil.** If inspecting officer requires carrying out the internal/ external inspection of other capacity, same can be done. The SE (O&M) is empowered to approve the estimate for repairing cost as per fixed rate as per schedule-B for billing & recording purpose.

5.0 DETAILS OF FACTORY SET UP:

- A) In case two or more nos. of repairing agencies are found using common equipment/instruments for repair/testing work, the DGVCL shall not permit such arrangement. If this is observed further allotment of transformers shall be stopped and contract shall be cancelled.
- B) The repairing agency shall have separate entity i.e. separate shed (not in same premises), separate ownership, different partners/proprietor, separate 20 KW electricity connection, different qualified engineers, separate equipment

machineries/ instruments etc. In case any of the above things is found common for any repairer, the contract shall be cancelled.

- c) JE / DE Division office has to report the name of agencies at corporate office which are using common equipment/ instruments for repair/testing work.

6.0 TECHNICAL KNOW HOW:

At least one full time qualified and having minimum one year experienced Engineer shall supervise various activities pertaining to repairs of damaged Distribution Transformers. Each & every test certificate should be signed by qualified engineer of agency. The name of Engineer with his qualifications, passport size Photo and experience to be considered indicated in your offer. During factory visit if qualified engineer is not found, the contract shall be cancelled.

7.0 SHIFTING OF PREMISES/ SHED:

- a) **In the same circle** -In case of shifting of factory premises of the Registered Vendor, such Vendor has to pay Registration Charges of Rs. 1500/- towards Registration Fees, along with the other relevant documents. Factory inspection by DGVCL's engineer not below the rank of EE of Corporate Office and concerned Circle Office jointly shall be carryout and necessary approval for shifting of premises shall be issued by concerned Circle Office. Only after that transformers at the new premises shall be issued.
- b) **In the other Circle** - In case of shifting of factory premises in the Circle other than circle allotted, such Vendor has to pay Registration Charges of Rs. 1500/- towards Registration Fees, along with the other relevant documents. Factory inspection by DGVCL's engineer not below the rank of EE of Corporate Office and concerned Circle Office (New Circle) jointly shall be carryout and necessary approval for shifting of premises shall be issued by concerned Circle Office (New Circle). Only after that transformers at the new premises shall be issued. Before shifting to new premises, repairer has to complete repairing of all the OGP transformers issued to them by their original Circle. After shifting to new premises, in case of GP failed Transformers of old Circle the transportation charges as decided by DGVCL shall have to borne by the repairer and shall be deducted from their bill pertaining to old Circle or new circle.

8.0 CHANGE OF PARTNERS:

In case of selling of repairing agency to other party or addition/deletion of partners, the repairer has to submit fresh partnership deed and power of attorney for authorized signature on various documents to concerned Circle office for approval with a copy to the Chief Engineer DGVCL. In case of change of name or ownership or control of company/ firm of registered agency, process fee of Rs.5000/- shall be recovered.

- 9.0** In case any instrument at the factory work is replaced/changed/required to be sent for repairs during the period of contract, the same shall have to be intimated to The Chief Engineer, DGVCL, and to the Circle and Divisional Head immediately or else contract will be liable to be cancelled for full or part period. You shall have factory shed with sufficient open land, electric connection with minimum 20 KW under LTMD or NRG category, having all required machinery / testing equipment and permanent qualified experienced engineer. If the same is not observed during contractual period, Company shall cancel the contract and the GP failed transformers shall be repaired at your risk and cost from other repairing agency till

completion of guarantee period. Calibration with NABL approved Lab should be insisted every year & on repairing of instrument.

10.0 TRANSPORTATION:

For repairing Agency situated in the jurisdiction of DGVCL area

DGVCL shall make necessary arrangement for transportation of failed transformer and repaired transformer from field to your works and back to field respectively, Loading of failed transformers and unloading of repaired transformers at field shall be arranged by DGVCL. However, the unloading of failed transformer and loading of repaired transformer at your work shall be arranged by repairer at your cost. **If transformer fails within guarantee period then Lump sum amount of Rs.275/- per transformer will be recovered against to & fro transportation charges.**

For repairing Agency situated outside jurisdiction of DGVCL area

Repairing agency shall make necessary arrangement for transportation of failed transformer (OGP and WGP) and repair transformer from field to your works and back to field respectively, loading of failed transformers and unloading of repaired transformer at field shall be arranged by DGVCL. However the unloading of failed transformers and loading of repaired transformer at your works shall be arranged by repairer at your cost. **Thus to and fro transportation charges will be borne by repairing agency situated outside jurisdiction of DGVCL area.**

11.0 PAYMENT:

Full payment shall be made by concerned Division Office, normally within one month from the date of submission of the bills, which will have to be submitted on completion of each work. While submitting the bills for repairs of transformers, following procedure shall have to be adhered to:

- I Each and every bill for repaired transformer shall be submitted along with test certificate duly signed by representative of repairing agency and Company's representatives. **No payments will be done without test certificate.**
- II The repairer shall certify on the bills that materials, spares mentioned in the bill have been actually fitted/ used on Transformers. No change is made in electrical connections i.e. star/delta etc.
- III The repairer will have to give a **guarantee for performance of Transformers** which have been repaired by him as per **Clause No.38** of the conditions.

12.0 INDEMNITY BOND

You will have to execute indemnity bond on stamped paper of Rs. 100/- at concern circle Office before commencement of works as per Company's prescribed Performa i.e. Circle office is instructed that no any Transformers is to allot before execution of indemnity bond.

13.0 TAX

"Any kind of tax if payable will be paid extra as per rules and it should be claimed as a separate item in the bill. Any statutory increase or decrease in the taxes and duties subsequent to your offer if it takes place within the original contractual delivery date will be to DGVCL's account subject to the claim being supported by documentary evidence. However, if any decrease takes place after the contractual delivery date, the advantage will have to be passed on DGVCL."

14.0 SECURITY DEPOSIT & PERFORMANCE GUARANTEE

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14.1 SECURITY DEPOSIT

The repairing agency has to pay security deposit of **Rs.7,70,000/- (Seven Lacs Seventy Thousand only)** per repairer to concerned Superintending Engineer, DGVCL, **Circle Offices** in Demand Draft issued by any approved Bank in favour of Dakshin Gujarat Vij Co. Ltd. payable at Kapodra-Surat or in the form of Bank Guarantee from Nationalized Bank as approved by Govt. Securities prior to order placed. **Validity of the Security Deposit is for 42 Months & will be returned only after the expiry of guarantee period of last repaired transformer.** The Security Deposit submitted in the form of Demand Draft will be retained till completion of the work order. No interest will be paid on the Security Deposit. The Earnest Money Deposit of the successful bidders will be returned. If repairing agency fails to pay the security deposit within the stipulated time limit, then the Company reserves the right to forfeit the bid security (EMD) and cancel the contract.

14.2 PERFORMANCE GUARANTEE:

The security deposit will be converted into performance Guarantee on completion of execution of order. However performance Guarantee/Warranty of the work shall be for 18 months for CRGO/Amorphous & 6 Months for SDT on completion / execution of last date of work completed & accordingly the performance Guarantee will be valid up to 42 months for CRGO/Amorphous (24 Months + 18 Months) & 30 Months for SDT (24 Months + 6 Months).

15.0 INSURANCE

The repairing agency shall have to submit **Insurance of Rupees 10 Lacs** per repairer to concern Superintending Engineer within one month on receipt of the order. **This amount of Insurance will be enhanced in proportion to the total number of transformers lying in custody of repairing agency at a time if necessary.** The agency shall have to insure at their cost, the Company's materials against all risks like theft, misappropriation, riots, fire etc. and due intimation of having done so shall be sent by him to concern CEO & SE, Circle, (Further details of insurance please refer clause 13 part III).

16.0 EXTENSION OF CONTRACT PERIOD:

The contract for repairing of failed distribution transformer shall be for two years from the date of execution of agreement and based upon the performance, necessary extension shall be given on mutual discussion and as per agreement. From performance, filed office comments and suggestions are to be taken into consideration. Company reserves the right to cancel the contract in between also.

17.0 SETTLEMENT OF DISPUTE

In case of any dispute, the decision of the Superintending Engineer of concerned circle will be final and binding to repairing agency. All questions, disputes or differences arise under, out of or in connection with the tender / contract if concluded shall be subject to the exclusive jurisdiction of the court under whose jurisdiction the place from which the tender / Acceptance of tender is issued, is situated i.e. **SURAT**.

18.0 The contract or any part thereof shall not be sublet to any other agency/individual.

19.0 RADIATORS/TANK/CONSERVATOR TANK

In case of damage of Radiator, Tank, Conservator tank in CRGO (stack/wound/Dry/SDT/PAT/ Any other) Transformers, charges for replacement shall be paid as per no.18a,18b & 20 of Schedule-A & for amorphous as per no. 3, 4, 5 of schedule-B. The rate quoted should be net of salvage value.

20.0 NAME PLATE

The following details shall have to be written on nameplate to be provided additionally with welding on the tank of the repaired transformers, at the time of repair.

1. Property of DGVCL
2. Name of Division.
3. Transformer unique ID No.
4. Estimate number.
5. Name of repairer
6. Date of dispatch
7. Date of expiry of guarantee after repair
8. SR No as per repairer's record
9. No of times job is repaired

No repairer will remove the original nameplate on receipt of transformer for repairs. The original nameplate of the manufacturer shall also be retained. If the original nameplate is missing, the following details have to be provided as per specimen given in addition to above.

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	KVA			Make		
	Volt at	HV		Frequency		
	No Load	LV		Impedance		
	Amp.	HV		Oil quantity in Transformer		
		LV		Serial No.		
	Phase.	HV		No. of time job Repaired		No
		LV		Type of CORE		

Irrespective of availability or non-availability of nameplate of original manufacturer/repairer, repairer has to provide the additional nameplate duly riveted on the other side of tank over and above nameplate of original manufacturer. The nameplate shall be as per DGVCL drawing containing all the above-specified details duly printed and Sr. No. of repairer & date of dispatch & other details shall be provided. The record of such details - Sr. No. of transformer, date of dispatch shall be maintained. On the basis of this, guarantee period of transformer shall be reckoned. In the joint inspection report, this shall be mentioned by the inspector. No transformer without name plate shall be accepted.

Repairer shall provide Yellow, White, Red, Blue painted strips vertical in alternative manner for first, second, third repair etc. i.e. for first repair yellow, second repair white, red & blue etc so on, to know the nos. of repairs carried out.

21.0 TAPPING SWITCH:

If tapping switch needs replacement, the same will be discarded in case of old 25, 63 & 100 KVA transformers and Transformer has to be made fixed ratio of normal tap. The damaged tapping switch will be deposited to DGVCL's Divisional store by the agency. However, the tapping switches for 200 KVA & 500 KVA transformers are essential and hence shall not be discarded.

22.0 BUSHING:

If bushing needs replacement, same will be replaced at the time of repairing. It should be replaced by DISCOM approved make.

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23.0 METAL PARTS:-

All the aluminum/ damaged metal parts shall be removed and brass metal parts are to be used. Quoted rates are net of salvage value.

HV & LV terminal studs shall be used as per following size only:

HV (11KV & 22KV)-140mm X 12mm, LV (up to 100KVA)-205mm X 12mm, LV (above 100KVA & up to 200KVA)-260mm X 20mm

Transformer top cover shall be provided with special bolt nut of sheared type bolt of stainless steel to avoid oil theft. Transformer drain valve shall be removed/ sealed.

24.0 DAMAGED PARTS:-

The damaged HV and LV coils will be retained by repairer after cutting the same in four pieces as not to be re-used in presence of DGVCL Company's representative of which necessary details shall be given in joint inspection Report to be signed by the repairer and DGVCL Company's representative.

25.0 (a) WINDING: -

New coils to be replaced with damaged coils shall be wound with similar quality of materials & insulation. Insulation of wire/ strip, inter layers between LV & HV winding & windings to earth shall be of class-'A', and section as utilized by the original manufacturer of transformers. In case it is found that proper size & type of material are not used then the contract will be cancelled immediately and ongoing payments will be withhold.

(b) IDENTIFICATION MARK FOR NEW COILS :

In the process of repairing of transformers, the repairers replace the coils with new material. There is no visual facility to verify whether the coil is new or old. In order to verify and confirm that the repairer has replaced the old coil by new one, the repairer shall insert a non-tear able polyester strip containing their company's name and month of manufacturing at least at 2 places in each HV/LV coil. This polyester strip shall not be removable even on pulling out the same. This will enable the company to check and verify the exact number of coils newly prepared and replaced.

26.0 CHANGE IN NUMBER OF COILS: -

The design of coil should be as per the original design & the repairer is not allowed to change it without approval in writing of competent authority.

27.0 TRANSFORMER OIL: -

The failed transformer shall be supplied with full of transformer oil filled up to oil level gauge mark or totally empty. Maximum 5% losses towards filtration/ impregnation and wastage shall be allowed for oil filled in failed transformers. No filtration loss/ impregnation loss will be allowed for the transformers failed in guarantee period or where fresh oil is given. The used carbonized oil taken out from failed transformer will be filtered free of cost and shall be used by agencies. Filtered oil shall be tested electrically and shall meet the BDV values required and filled after repairs of transformers. Oil should be tanked after proper cleaning the transformer tank and after removing sludge from the oil. However, though the transformer will be supplied with full of oil it should invariably be recorded in physical & internal inspection report.

Transformer oil shall be disposed of by repairer.

28. WORK ALLOTMENT:

- (A) Repairing agency shall be allotted failed distribution transformers from any circles under DGVCL to carry out repairing of failed transformer. However, initial quantity of allotment will be decided by the CE / MD , DGVCL depending on established repair work capacity, upgraded technology / facility for repairing the transformer , past performance of earlier repairing order and return of transformer failed within guarantee period back to DGVCL in time. You shall carry out repairing of failed / damaged Dist. Transformer of any Circle.

Subsequent allotment of transformer will be determined only after return of 90 % quantity of repaired transformer allotted in previous lot back to Company and performance and % failure of repaired unit of the concerned agency in service.

If the repairing agency does not return 90 % of the allotted transformers, then no further allotment to that agency should be made. On receipt of the 90 % repaired transformers from the allotted quantity, further allotment may be made to avoid blocking of the inventory.

In case % failure of transformers is found more than 15 % (fifteen percent in case of 11KV and 20% in case of 22 KV TC) , further additional failed Distribution transformer will be allotted to repairing agency at the discretion of the DGVCL or allotment may be stopped.

J.E. / D.E. (TMS) Divisional office will review the performance of repairing agency in every monthly TMS MIS reports and will report same to circle office and circle office will review the performance of repairing agency by compelling all division report and report same to corporate office duly sign latest by 10th of every month.

Performance of repairing agency will be reviewed every month with TMS MIS.....Kind Attention JE TMS.

- (B) Separate allotment will be given for 11KV and 22KV Transformers based on past performance and % failure. Field will issue transformers strictly as per 11 KV and 22 KV Class wise allotments only i.e. 11 KV is not available 22 KV rated transformer should not be issued and vice versa.
- (C) DGVCL reserves the right to allot any numbers of transformers of any capacity against **poor** performance or to **stop deal** with poor performance agency and agency doing breach of trust.

29.0 DRYING OF ACTIVE PARTS:-

The repairer shall have to dry the transformer in oven up to the desired/ specified limits in order to remove the complete moisture from the active part. The repairer shall keep proper records of drying of every active part mentioning estimate, weight of transformer, date of placement in oven, date of removal from oven and megger value. **During checking, if oven records are not found from repairing agencies, the contract shall be cancelled.**

30.0 PAINTING: -

The tank must be internally painted with a coat of special paint anti corrosive hot oil resistive paint, which will not affect the transformer oil. Externally one coat of zinc chromate anti-corrosive paint and two further coats of admiral Gray have to be applied. Before applying Zinc Chromate, tank surface shall be properly cleaned. Also, DGVCL symbol of size 4" to be painted on both side of transformer to identify DGVCL transformer from distance (Red colour).

31.0 TESTING OF TRANSFORMERS AFTER REPAIRS: -

Each and every transformers shall be tested for Routine tests by repairing agency as per IS 1180 and IS 2026:2014 before delivered to the Company. The testing arrangement will have to be made by the repairer. The repairer shall give an advance intimation of seven days in writing to Company's representative before the repaired transformers are ready for inspection and testing, failing which the repairer shall be responsible for delay in delivery and penalty as per clause No 37 will be imposed. The testing shall be done in presence of Company's authorized representatives and the **test results shall be recorded in the register** and also repairer and representative of the Company shall sign test witness report jointly. All the components parts used for replacing defective one shall confirm to relevant BIS and shall be of standard / reputed makes and best quality. Necessary test certificates and documentary evidence of purchase and use thereof in repairs of Company's transformers shall be produced if asked for. The repairer shall have facility for testing of transformer for all acceptance tests & all the instruments shall have to be calibrated every year at the Govt. approved testing calibration laboratory.

The Following Acceptance / Routine tests as per IS 1180 / IS 2026 shall be carried out on each transformer by repairing agency after repairs.

- a. Measurement of winding resistance.
- b. Measurement of voltage ratio and check of voltage vector relationship.
- c. Measurement of Impedance voltage / short circuit impedance (Principal tapping, when applicable) and Load losses.
- d. Measurement of No load losses and current.
- e. Measurement of Insulation Resistance.
- f. Induced over voltage withstand test (Double power & Double Frequency test)
- g. Separate source voltage withstand test (HV test)-(HT-28KV for 11KV, 50KV for 22KV Transformer, LT-3KV for one minute).
- h. BDV Test for oil.

The reference guaranteed no load losses and load losses for and % impedance is specified as under- for **CRGO**:

Sr. No.	Voltage / Ratio	KVA Rating	NO LOAD LOSSES IN WATTS (MAX)		FULL LOAD LOSSES IN WATTS (MAX) AT 75 Deg Centi.		% Impedance
			Level-1	Level-2	Level-1	Level-2	
1	11000/ 250	5	15	15	115	95	4
2	11000/ 433	10	45	40	270	240	4.5
3	11000/ 433	16	60	50	480	440	4.5
4	11000/ 433	25	75	60	695	635	4.5
5	11000/ 433	63	150	125	1250	1140	4.5
6	11000/ 433	100	200	170	1800	1650	4.5
7	11000/ 433	200	310	270	2700	2300	4.75
8	11000/ 433	500	550	545	4750	4300	4.75
9	11000/ 433	1000					

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10	22000/ 433	16	64	64	420	420	4.5
11	22000/ 433	25	80	80	615	615	4.5
12	22000/ 433	63	150	150	1100	1100	4.5
13	22000/ 433	100	220	220	1575	1575	4.5
14	22000/ 433	200	311	311	2312	2312	4.75
15	22000/ 433	500	730	730	4420	4420	4.75

The reference guaranteed no load losses and load losses for and % impedance is specified as under- for **Amorphous**:

SR. NO.	VOLTAGE RATIO	WINDING MATERIAL (AL / CU)	KVA RATING	NO LOAD LOSSES IN WATTS (MAX)	FULL LOAD LOSSES IN WATTS (MAX) AT 75 DEG. CENTIGRADE	% IMPEDANCE
1	11000 / 433 V	AL	25	28	490	4.5 %
2	11000 / 433 V	AL	63	57.5	958	4.5 %
3	11000 / 433 V	AL	100	78.5	1458	4.5 %
4	11000 / 433 V	AL	200	270	2300	4.75 %
5	11000 / 433 V	CU	5	24	74	-
6	11000 / 433 V	CU	63	58	971	4.5 %
7	11000 / 433 V	CU	100	64.5	995	4.5 %
8	22000 / 433 V	CU	63	38	1100	4.5 %
9	22000 / 433 V	CU	100	55	1575	4.5 %
10	22000 / 433 V	CU	200	124	2312	4.75 %

- (a) No load losses & Load losses for 5, 10, 16, 25, 63 & 100 KVA of 11 KV Transformers are max. losses and hence, no Tolerance is permissible as per IS-2026 **for the first time repairing, however for second time and onward time repairing further maximum 10% (+) losses will be allowed.**
- (b) In case of No load losses & Full load losses for 200 & 500 KVA of 11KV transformers as per IS 2026, following tolerance is given.
- (i) +15% tolerance can be given on each no load & Full load losses provided the tolerance for total losses not exceeded tolerance of +10%.
- (ii) Tolerance on % impedance can be given as per IS 2026.

For the class , capacity and winding which are not covered above for that case the reference guaranteed no load losses; load losses and % impedance for CRGO and Amorphous transformers are to be maintained as per A/T of specific Supplier for which transformer belong.

The each and every transformer repaired shall be tested for routine test as stated above. Every repairing agency shall maintain a register for each transformer tested and no load losses and load losses measured shall be invariably mentioned in the register. The register kept giving details of testing of all the tests carried out as specified in the clause shall be checked by the inspecting officer of the DGVCL at any time and the same shall be produced for verification. In case, the register is not found with appropriate details, the action taken by the DGVCL shall be binding to the agency.

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For old age DTR having age more than 20 years life, some deviation shall be allowed for all capacity (as per IS 1180/IS 2026). Guaranteed no load losses & Full load losses for the transformers with loss capitalization formula will be as declared by manufacturer which will be available on name plate or from respective A/T.

32.0 SEALING OF TRANSFORMERS: -

After repairing & testing of transformer, two Seals shall be provided on the opposite side of the transformer by Divisional JE TMS. In case of failure, these seals are to be opened in presence of Company's representative at the time of internal inspection. Again after repairing & testing of Transformer, fresh seals shall be provided by DGVCL.

33.0 INSPECTION: -

A team from DGVCL shall visit the works of repairing agency at any time and verify the estimate / assessment for transformer repairing, quality of components used, testing instruments, machineries / equipments, test reports of earlier transformers tested etc. They may also witness some or all tests on the transformers available in the factory / workshop of the repairing agency. Repairing agency shall give co-operation to this team during its visit and furnish all the details required by them. In case any default is observed during this visit, necessary action shall be taken against repairing agency & Company may cancel the contract / black list the repairing agency.

34.0 INSPECTION CHARGES: -

Repairing agency shall not charge for inspection and assessment of damaged transformers.

35.0 INSPECTION CHARGES FOR UNECONOMICAL UNITS :-

Rs.500/- will be paid for inspection of uneconomical units. However, repairer will have to reseal the unit by tack welding at six places in presence of Company's representative. The repairer has to assemble the unit again – i.e. core / HV, LV winding etc. in the actual position before tack welding – instead of just dumping the part in the transformer tank. For uneconomical units, no charges shall be payable.

36.0 TRANSPORTATION CHARGES FOR TRANSFORMER FAILED WITHIN GUARANTEE PERIOD

If transformer fails within guarantee period then **Lump sum amount of Rs.275/- per transformer will be recovered against transportation charges.** Both the way, transportation shall be done by DISCOM.

37.0 DELIVERY , INTEREST & PENALTY.

It must be seen that joint inspection is positively to be carried out within 10 days from the date of sending transformers. **The repairer must send estimate within 2 days from the date of joint inspection.** If the estimate of repairing agency not received within two days from the date of internal inspection, notice to be issued for same to the agency. The Division JE TMS must prepare release within 3 days after receipt of estimate from agency. Division JE TMS has to follow up with circle/corporate for approval of estimate after preparing the release.

The approval of the estimate/release is to be conveyed by Circle office within 4 days and by corporate office within 15 days from the receipt of estimate/release. Divisional JE TMS Circle shall arrange the required oil within short period from date of approval of estimate.

- (A) “The repairer will repair the transformer within 30 days from the date of approval of estimate for OGP and within 30 days for GP failed transformer from the date of receipt of the transformer. No Transformer shall be kept un-repaired beyond 30 days after the date of approval of the estimate for OGP and from the date of receipt of the transformer for GP, **failing which repairer may become liable to pay interest charges on capital locked at 15% per annum for the Transformers with no oil pending to issue to agency** from the date of completion of granted period on purchase price of Board/Company for each rating of transformers taken from the nearest date of A/T for new Transformers.”
- (B) The repairer will repair the transformers within 30 days from the date of approval of estimate for OGP and from the date of receipt of the transformer for GP failed transformer, failing which, notice for 15 Days shall be issued by the concerned Division office then and even after that if transformers are not repaired within 15 days, **penalty at the rate of ½ % per week plus applicable GST on repairing cost** of transformer under repair shall be recovered without issuing any further notice **for the Transformers with no oil pending to issue to agency**. (For GP on repairing cost of transformer may be last repaired cost).

CLARIFICATION:

The penalty at the rate of ½ % per week plus applicable GST on repairing cost of transformer under repair shall be recovered after 45 days (30 days + 15 days of Notice period) from the date of approval of estimate for OGP and from the date of receipt of the transformer for GP for the Transformers with no oil pending to issue to agency. This means that effective delivery period is 45 days only.

38 GUARANTEE

- 38.1 While attending repairs of the transformers, the repairer shall ensure that guaranteed technical particulars and performance of the same are maintained for repaired transformers except where voltage ratio is to be changed. Under no circumstance, the value of percentage impedance, losses and efficiency shall be altered from original value except when voltage is changed.
- 38.2 “The repairer shall have to give guarantee for the satisfactory performance of repaired transformers as under from the date of dispatch for the whole unit irrespective of parts repaired/replaced during repairing.
- | | | |
|----|------------------------------------------------------------|-----------|
| a. | 11 KV Transformers- (5 KVA to 500 KVA)- CRGO Core | 18 Months |
| b. | 11 KV / 22 KV Transformers- (5 to 500 KVA)- Amorphous Core | 18 Months |
| c. | 22 KV Transformers- CRGO Core | 12 Months |
| d. | 11 / 22 KV SDT/PAT of various Ampere Ratings | 06 Months |

Therefore, during the joint inspection, repairer shall thoroughly check up each coil and each parts of the unit in presence of DGVCL’s Engineers while submitting the estimate for repairs to concerned Superintending Engineer. No extra charges will be

allowed to transformer failed within guarantee period even though damages are found other than repaired/replaced parts. Transformers failed within guarantee period shall be repaired within 30 days from the date of intimation by EE concerned; otherwise further joint inspection of other deposited transformers will not be carried out till the repair of guarantee period failed transformers is completed. Only external physical inspection will be carried out for the transformers failed within guarantee period and no internal inspection will be carried.

39.0 The transformers delivered before the expiry of present order and whose joint inspection are completed will have to be repaired at old rate.

40.0 FAILURE TO EXECUTE ORDER.

In case of failure on the part of the repairer to cope up with the work within the specified period, the same will be got executed through some other agency even at higher rates and the difference in amount if any, shall be recovered from the repairer.

41.0 In case of poor progress of repairs of transformers, Company reserves the right to curtail the quantity. If performance is too poor, then cancellation of order will be carried out. The Company reserves the rights for cancellation without giving any reasons.

42.0 Repairer shall have to maintain Process Card for repairing of Distribution transformers as per Annexure-A enclosed in respect of each transformer repaired by them. The process card shall be produced by agency for verification as and when required up to 24 months from date of dispatch.

43.0 The repairer shall have to complete all formalities of **agreement** and payment of **security deposit, Performance Guarantee** etc **at respective Circle**, prior to contract order placed, otherwise contract order shall be automatically treated as cancelled and no further correspondences in this regards will be entertained.

44.0 MINIMUM REQUIREMENT FOR REPAIRING AGENCY

THE REPAIRING AGENCY SHALL HAVE THE FOLLOWING REQUIREMENT.

1. Independent constructed factory shed.
2. Sufficient open land for storing of failed/repaired transformer with movement of man/material/vehicle.
3. Loading and unloading facility for failed/repaired transformer.
4. Permanent Electric connection with minimum 20 KW under NRGP or LTMD category tariff.
5. All necessary machinery for repairing of dist. Transformers such as winding machine, drill machine, welding machine (electric/arc welding/gas welding)
6. Oven for storing minimum 10 Nos. of job of 11 KV/22 KV.
7. Oil filter machine with sufficient capacity.
8. Chain pulley block of 2 ton capacity or electric hoist of similar capacity.
9. Testing equipment suitable to carry out all acceptance test as per IS: 1180 and IS: 2026 along with calibrated meters.
10. Test bench for conducting acceptance test with high accuracy class of meters.
11. List of machinery as per Annexure B-1.
12. List of testing instruments as per Annexure B.

13. Proof of ownership deed.
14. List of partner/director.
15. Power analyzer.

45.0 DECLARATION OF TRANSFORMER FAILED WITHIN G.P. AS SCRAPPED DUE TO DAMAGE OF CORE ETC.

If during guarantee period, transformer core is found damaged or due to any other reason transformer is un-repairable and required to be scrapped, then in that case, total amount of last repairing bill shall be recovered from the repairing agency and

no other charges shall be paid to the repairing agency such as opening of transformer, labour etc.

As no internal inspection is to be carried out in presence of representative of DGVCL in case of transformer failed within guarantee period, and hence if during the initial opening of transformer by repairing agency, any damage found in the core, then repairing agency shall not disturb anything in the transformer such as HV/LV coils, cores etc. and immediately call concerned EE of division office for internal inspection.

“If, the GP repaired transformer is failed within 6 months, from the date of installation in that case, the clause mentioned in the contract shall be applicable. In case, if, transformer is failed after six months, no recovery shall be applicable and the transformer shall be declared as scrap.”

If during inspection by DGVCL, the core, HV/LV coils etc. is found disturbed by the repairing agency then in the case, 50% of cost of transformer purchased in last A/T shall be recovered. Joint inspection report should be prepared in details.

However, all such cases with joint inspection report may be referred to MD DGVCL and his decision shall be binding to the repairing agency.

The Company has every right to carry out the internal inspection of the job and stage inspection during repairing.

- 46.0** No transformer should be converted from copper winding to aluminum winding.
- 47.0** You shall have to provide 0.5 class accuracy or better power analyzer, duly calibrated at third party Government/NABL approved laboratory within 12 months. This shall be verified during inspection of the transformer testing. Failing to do so Further allotment shall be stopped.
- 48.0** DGVCL reserves the right to repair SDT (Special Design Transformer) in line with CRGO rates conditions according to our own requirement of company.

PART-V

Schedule-A & B of Prices

The schedule-A & B of prices is attached as under.

SCHEDULE-A (DGVCL-2018)								
ITEM-WISE RATE FOR REPAIRING OF DAMAGED 11/22 KV, 5 to 500 KVA CRGO								
(stack core/ wound core/ Dry/SDP/PAT) DIST. TRANSFORMERS								
SR. No.	NATURE OF WORK TO BE CARRIED OUT	Unit	Rates per unit-in Rs.					
			5 KVA	10 & 16 KVA	25 KVA	50, 63, 75 KVA	100 KVA	above 100 KVA
1	2		3	4	5	6	7	8
1a	Labour charge only : Loading & unloading of transformer, draining out oil, opening bolt-nuts of top cover, untanking of the active part, disconnecting of leads, removal of top cover, removal of core yoke and windings, and re-assembly of the same, dismantling of bushings & metal parts & other fittings on cover or tank and re-fitting of the same, tanking of the active part, bolting of top cover. This does not include any material or other consumable charge except labour charge. Rate per No.	Job	1380	1610	2070	2070	2070	2070
1b	Replacement of top cover gasket, oil gauge gasket, air plug gasket, oil cap gasket, breather cap, thermometer pocket cap, explosion vent flat gaskets etc.	No.	29	40	46	46	46	46
1c	Replacement of HV/LV rod gaskets, viz Flat gasket, D bush, cone bush	rod	21	29	35	35	35	58
1d	Replacement of insulation : core-LV wrap, LV-HV wrap, phase barriers, yoke-channel barrier, wedges, intercoil spacers, top-bottom blocks, main lead insulation, interlayer insulation of LV-HV coils etc.	Job	115	230	288	288	288	391
1e	Replacement of M.S. bolt-nuts: viz top lid bolts, HV bushing studs, oil gauge studs, conservator bolts, explosion vent bolts & nuts.	Job	35	46	58	58	58	81
1f	Drying of active part by ovening for 48 to 72 hours at 90-100°C temperature for removal of moisture of the repaired transformer	Job	138	184	230	230	230	345
2	Outside painting of the tank :	No.						
	a) Cleaning dirty tank outside surface & preparing the outer surface for painting.	No.	23	29	35	35	35	35
	b) Spray painting by synthetic enamel paint	No.	86	115	150	150	150	196

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3	Inside painting of tank	No.	115	138	156	156	156	177
4	Replacement of valve (Gun metal brass)							
	i) Size ¾"	No.	138	138	138	138	138	138
	ii) Size 1 ¼"	No.	204	204	204	204	204	204
5	Replacement of glass of oil level gauge, each	No.	46	46	46	46	46	46
6	Replacement of breather dully charged, each	No.	0	311	311	311	311	311
7	Replacement of tap changing switch, each	No.	0	0	0	3450	4025	5175
8-A	Replacement of HT bushing porcelain, per piece, 11 KV	No.	177	177	177	177	177	177
8-B	Replacement of HT bushing porcelain, per piece, 22 KV	No.	265	265	265	265	265	265
9	A. Replacement of HT Metal parts complete per piece, brass metal parts	No.	131	131	131	131	131	131
	B. Providing HV connectors for cable connection	No.	81	81	81	81	81	81
10	Replacement of LT bushing porcelain	No.	60	60	60	60	60	99
11	A. Replacement of LT Metal parts complete set	No.	156	156	156	156	156	290
	B. Providing LV connectors for cable connection	No.	150	150	150	150	150	184
12A	Cost of replacement of HT coils Rate per Kg.	Original coils are not missing and damaged coils will not be returned to the DISCOM as quoted rates are net of the salvage value						
	a) Copper coil rate per kg	Kg.	359	359	359	359	359	359
	b) Aluminium coil rate per kg	Kg.	163	163	163	163	163	163
12B	-do but original coils are missing							
	a) Copper coil rate per kg	Kg.	521	521	521	521	521	521
	b) Aluminium coil rate per kg	Kg.	220	220	220	220	220	220
12C	Labour charge for HV coil Winding :							
	a) Copper coil rate per kg	Kg.	12	12	12	12	12	12
	b) Aluminium coil rate per kg	Kg.	35	35	35	35	35	35
13A	Cost of replacement of LT coil rate per kg	Original coils are not missing and damaged coils will not be returned to the DISCOM as quoted rates are net of the salvage value						
	a) Copper coil rate per kg	Kg.	315	315	315	315	315	315
	b) Aluminium coil rate per kg	Kg.	150	150	150	150	150	150
13B	-do but original coils are missing							
	a) Copper coil rate per kg	Kg.	493	493	493	493	493	493
	b) Aluminium coil rate per kg	Kg.	206	206	206	206	206	206
13C	Labor charge for LV coil Winding :							
	a) Copper coil rate per kg	Kg.	17	17	17	17	17	17
	b) Aluminium coil rate per kg	Kg.	52	52	52	52	52	52
14	Re-insulation of LV coils with existing conductor (Where ever it is intact but using new insulating material for all type of LV coils rate per kg)							
	i) Copper	Kg.	101	101	101	101	101	101

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	ii) Aluminium	Kg.	115	115	115	115	115	115
15	Insulation Washer ring for coils	No.	54	54	54	54	54	54
16	Rating Plate charge for WNP transformer	No.	144	144	144	144	144	144
17	Extra payment for conversion of sealed transformer into bolted type transformer	No.	1518	1518	1518	1518	1518	1518
18a	Tank replacement charge	Kg.	54	54	54	54	54	54
18b	Conservator tank replacement charge	Kg.	54	54	54	54	54	54
19	Testing of Transformer	No.	115	115	173	173	173	173
20	Replacement of radiator, Rate per radiator	No.	0	1057	1057	1254	1452	1980 For 200 KVA & 2642 for 500 KVA
21	Overhauling of transformer including outside cleaning and painting. (Physical damages will be charged extra as above rates).	No.	Rate as Sr. No. 1a to 1f + 2 +3+ 20 execution of items)					(on

N.B.:-

- Rates quoted by Bidder have to be on percentage above or below the estimated rates specified.
- The rates quoted by bidder will be exclusive of GST. Any escalation in rate of GST during the tenure of the contract will be paid by DGVCL as part of statutory variation on production of Document.
- Above rates quoted are net of the salvage value.

For CRGO Core Transformers

In Figures % Above /below the estimated rate of DGVCL

In Words Above/below the estimated rate of DGVCL

To be filled up by bidder: CRGO Core Transformers

CRGO KVA	5	10	16	25	50 and 63	100	200	300 & Above
Quantity offered in Nos. for repairing								
However, DGVCL reserves the right to allot any capacity of transformer from 5 KVA to above 100 KVA for repairing.								

**CHIEF ENGINEER (O&M)
DGVCL-SURAT**

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SCHEDULE-B (DGVCL-2018)			
RATE FOR REPAIRING OF DAMAGED 11/22 KV, 5 to 500 KVA Amorphous			
FIXED RATE: (Internal & External Parts)			
<p>Repairing of the transformer of below rating, winding material and winding design for internal items including Re-insulation /replacement* of the all LV windings, Replacement of the all HV windings, replacement of burnt/ damaged external parts like bushing/ nut-bolts /breather with Dismantling of bushing replacement of all the old gaskets by new, opening welding of top cover plate if necessary un-tanking of the winding, removal of the core plate assembly and reassembly of the same including replacement of all types of insulations whenever necessary replacement of diaphragm of explosion vent, drying out of the repaired transformers, internal & external painting, testing of the same, assembly of LV/HV coils and connectors, loading & unloading of transformers, repairing of Tanks & radiators by welding to stop leakage of oil, dismantling includes removing of core, lamination and rebuilding after cleaning, fixing of name plates on unit rate basis as mentioned herein and wherever mentioned in this tender. In case of damage of LV Coil if any, the damaged coil should be replaced at the same cost i.e. without any extra charge. If the Radiator/s or tank or Conservator tank required to replace instead of repairing as demanded by the concerned DGVCL Engineer, the charges for that is required to pay extra as per the '<u>Item No.3 to 6</u>' of this schedule,</p>			
AMORPHOUS CORE TRANSFORMER			
Sr. no.	Transformer Capacity with winding mat. (11 KV / 22 KV)	Unit	Fixed rate in Rs.
1	Aluminium winding		
a	10KVA	Each transformer (Total Al. coil weight: 21 to 33 Kg)	8193/-
b	16 KVA	Each transformer (Total Al. coil weight: 27 to 39 Kg)	8986/-
c	25 KVA	Each transformer (Total Al. coil weight: 26 to 45 Kg)	9654/-
d-1	63 KVA	Each transformer (Total Al. coil weight: 50 to 67 Kg)	15808/-
d-2	63 KVA/ADB/1804, Vijay Make.	Each transformer (Total Al. coil weight: 90.21 Kg)	19258/-
e	100 KVA	Each transformer (Total Al. coil weight: 67 to 84 Kg)	20666/-
f	200 KVA	Each Coil(limb weight : 59 Kg)	12765/-
		Labour charge per transformer	2760/-
2	Copper winding		
a	5 KVA	Each transformer	6918/-
b	63 KVA	Each Coil(limb weight : 32 Kg)	9642/-
		Labour charge per transformer	2760/-
c	100 KVA	Each Coil(limb weight : 63 Kg)	18961/-
		Labour charge per transformer	2760/-
d	200 KVA	Each Coil(limb weight : 92 Kg)	27720/-
		Labour charge per transformer	2760/-

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Note: (1) Price break up for the Cost of material, GST, Labor charges etc should be submitted Separately.

(2) The additional charge to be paid based on proportional weight , in case of weight of coil / Limb is more than maximum specified limit of coil / Limb weight mentioned at Sr. No. 1(a) to 1(f) and 2 (a) to 2(d).

Replacement of Radiator/ Tank/ conservator Tank

If the Radiator or tank or Conservator tank required to be replaced instead of repairing as demanded by the concerned DGVCL Engineer, the charges for that is required to pay extra as per this schedule, for which old material is required to credit in the respective Divisional Store.

Sr. No	Rate for Replacement of Radiator/ Tank/ conservator Tank	Unit	RATE IN RS.
3	Tank replacement of same size & thickness (per KG)	<u>Kg</u>	54/-
4	Conservator Tank replacement of same size (per KG)	<u>Kg</u>	54/-
5	Complete Radiator replacement of same size	<u>No</u>	1057 (25KVA), 1256 (63KVA), 1452(100KVA)
6	Rate for sealing of uneconomical unit by welding at six places for returning back.	Job	189

N.B.:-

- Rates quoted by Bidder have to be on percentage above or below the estimated rates specified.
- The rates quoted by bidder will be exclusive of GST. Any escalation in rate of GST during the tenure of the contract will be paid by DGVCL as part of statutory variation on production of Document.
- Above rates quoted are net of the salvage value.

For Amorphous Core Transformers

In Figures % Above /below the estimated rate of DGVCL

In Words Above/below the estimated rate of DGVCL

To be filled up by bidder: Amorphous Core Transformers

Amorphous KVA	5	10	16	25	50 and 63	100	200	Above 200
Quantity offered in Nos. for repairing								
However, DGVCL reserves the right to allot any capacity of transformer from 5 KVA to above 100 KVA for repairing.								

**CHIEF ENGINEER (O&M)
DGVCL-SURAT**

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Rate for Overhauling of the transformer			
Sr. No	Rate for Overhauling of the transformer (11 KV / 22 KV)	Unit	RATE IN RS.
7	<p>Overhauling of complete transformer:</p> <p>During overhauling, following works are required to be carried out:- Overhauling charges shall be paid for below works which includes the opening & closing/refitting of transformer including minor repairing works and loading & unloading of Transformers, repairing of Tanks & radiators by welding to stop leakage of oil, replacement of burnt /damaged external parts like bushing/ nut-bolts /breather if any with Dismantling of bushing replacement of all the old gaskets by new , opening welding of top cover plate if necessary un-tanking of the winding, removal of the core plate assembly and reassembly of the same including replacement of all types of insulations whenever necessary replacement of diaphragm of explosion vent, testing of the same, Cleaning of transformer tank, removal of sludge, filtration of transformer oil, Strengthening / brazing of joints of winding, Fitting/tightening of internal joints at the HV/LV bushing, Internal painting of transformer, Drying of the active parts of the transformer to ensure proper IR value as mentioned herein , fixing of name plates and as per conditions wherever mentioned in this tender.</p>	<u>Each Transformer</u>	2070/-

N.B.:-

- Rates quoted by Bidder have to be on percentage above or below the estimated rates specified.
- The rates quoted by bidder will be exclusive of GST. Any escalation in rate of GST during the tenure of the contract will be paid by DGVCL as part of statutory variation on production of Document.
- Above rates quoted are net of the salvage value.

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ANNEXURE-1

DETAILS REQUIRED TO BE FURNISHED BY THE BIDDERS

SR NO	PARTICULAR	
1	Whether the Bid submitted is on item wise rate for CRGO(Stack/Wound/Dry/SDT/PAT) transformers and fixed rate for amorphous transformers including internal parts and external parts.	YES / NO
2	Whether the tender Price Bid is submitted <u>ON LINE</u> only.	YES / NO
3	Whether all pages of Tender Specifications / offer are sealed and signed by the Bidders.	YES / NO
4-a	Whether the Bidder is registered with DGVCL for repairing of Transformer.(Vendor)	YES / NO
4-b	In case of yes in above, please furnish following details	
4-b-i	Registration Letter No. & Date. Enclosed the copy of the same	
4-b-ii	Validity of registration up to.	
5-a	Whether Tender fee paid	YES / NO
5-b	In case of Yes, please furnish details M.R. No. & Date	
5-c	Whether EMD paid	YES / NO
5-d	In case of Yes, please furnish details (D.D./Cash)	
6	Whether following documents of General terms and condition are submitted	YES / NO
6-a	Human Resources details	YES / NO
6-b	Availability of machinery and instruments as per the Anx B ,B1	YES / NO
6-c	Details of experience	YES / NO
6-d	Financial capability	YES / NO
6-e	Transformer repairing capability	YES / NO
6-f	Last three years audited annual account	YES / NO
6-g	Company's Article Of Association / Partnership deeds	YES / NO
6-h	Details of Partners / Directors	YES / NO
6-i	Board Resolution / P.A. Authorizing Person to sign on behalf of firm	YES / NO
7	Vendor Registration fee Paid	YES / NO
8	Solvency Certificate enclosed	YES / NO
9	Self declaration as never been black listed and defaulted by any Organization, Bank and Police station.	YES / NO

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ACKNOWLEDGEMENT

To,
The Chief Engineer (O&M),
Dakshin Gujarat Vij Company Limited,
Corporate Office,
Surat.

Sub: Rate Contract for Repairing of failed / damaged 11/22 KV Distribution Transformers having CRGO Core (Stack/Wound/Dry/SDT/PAT) of various ratings (5 KVA to 500 KVA) on item wise rate & Amorphous core of various ratings (5 KVA to 200 KVA) on fixed rate including internal parts and external parts.

Ref.: (1) Tender No. **DGVCL/EE-T-1/DE-T-6/TRANS-REP/-2018-19/01**. Opened on
.....
(2) Our rate consent letter dated

Dear Sir,

We acknowledge with thanks receipt of your above referred order No :
..... dtd _____, for repairing of failed
Distribution (cited as reference 3). Transformers of various rating of Dakshin Gujarat Vij
Company Limited. We agree with the terms and conditions mentioned by you in your order
No : dtd _____, for undertaking the work of
repairing of failed Dist. Transformer of Dakshin Gujarat Vij Company Limited.

In case of not fulfillment of any of the terms and conditions of the above said order for
repairing of damaged distribution transformers, our order shall be cancelled and the
decision of the DGVCL shall be binding to us. We shall also not claim for the conditions
mentioned in any of our letters written to the Company against this tender.

Thanking you,

Yours faithfully,

Place:

Date:

Seal of the Company:

Signature of the Tenderer

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Date:

Place:

Company's Round Seal

Contd. (PTO)

LIST OF TESTING INSTRUMENTS.

Sr. NO	ITEM	QTY	MAKE	SR. NO OF METER	RANGE	Accuracy	DATE OF Calibration	Lab.Rep ort No & Date
1	VOLTMETER 0-150-300-600v	1 No						
2	AMMETER 0-10 AMP							
3	WATTMETER 0-750w 0-150-300-600V 5/10 AMPS Range.	2 No						
4	RATIO METER RANGE 111.1	1 No						
5	MEGGAR 1000 VOLTS	1 No						
6	H.V. TRANSFORMER 0-50 KV	1 No						
7	L.V. TRANSFORMER 0-3 KV	1 No						
8	CURRENT TRANSFORMER	1 No						
9	POTENTIAL TRANSFORMER	1 No						
10	OIL TESTING SET	1 No						
11	DOUBLE VOLTAGE GENERATOR 100 CYCLE 250 500, 1000 V	1 No						
12	STOP WATCH	1 No						
13	CLIP ON METER	1 No						
14	WHEATSTONE BRIDGE	1 No						
15	DIGITAL METER OR KELVIN BRIDGE	1 No						
16	INTERMEDIATE TRANSFORMER	1 No						
17	PANEL METERS OF TEST BENCH	1 No						
18	POWER ANALYZER	1 No.						

NOTE – ALL THE TESTING INSTRUMENTS SHALL BE CALIBRATED ONCE IN A YEAR IN GOVERNMENT/NABL APPROVED LABORATORY. CALIBRATION CERTIFICATE SHOULD BE MADE AVAILABLE TO INSPECTOR WHENEVER ASKED FOR DURING TESTING / INSPECTION.

All testing equipment's should be 0.5 class accuracy or better.

Power analyzer should be provided 0.5 class accuracy or better, duly calibrated at third party Government/NABL approved laboratory within 12 months.

Signature of the Tenderer

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Date:

Place:

Company's Round Seal

Contd. (PTO)

ANNEXURE-B-1
LIST OF MACHINERY

SR. NO.	DESCRIPTION	QTY.	MAKE	SR. NO.
1	H.V. WINDING MACHINE 1 HP	1 NO.		
2	L.V. WINDING MACHINE 2 HP	1 NO.		
3	AIR COMPRESSOR WITH MOTOR & OTHER ACCESSORIES	1 NO.		
4	SPRAY GUN	1 NO.		
5	DRILLING MACHINE	1 NO.		
6	FLEXIBLE SHAFT GRINDER	1 NO.		
7	JIB CRANE 1 TON CAPACITY	1 NO.		
8	CHAIN PULLEY BLOCKS WITH LOADING & UN LOADING ARRANGEMENT 2 TON CAPACITY.	1 NO.		
9	OVEN/DRIER WITH 1 HP MOTOR 8 KW CAPACITY 100 DEG. C TEMP (Temp. controlled oven)	1 NO.		
10	OIL FILTER MACHINE 120GPH CAPACITY	1 NO.		
11	VARNIER CALIPERS AND GUAGE METER	1 NO.		
12	WELDING MACHINE-300 AMP	1 NO.		
13	GAS CUTTING CYLINDER AND EQUIPMENT.	1 NO.		
14	CIRCLE CUTTING MACHINE	1 NO.		
15	WEIGHING MACHINE	1 NO.		
16	SHEARING MACHINE	1 NO.		
17	FLY PRESS AND DIE FOR CUTTING DOVETAIL BLOCKS.	1 NO.		
18	Coil Cutting M/C.	1 No.		

Signature of the Tenderer

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Date:

Place:

Company's Round Seal

Contd. (PTO)

Annexure -C

Repairing works detail

No.	Particulars	Description
1.	Name of Repairing Agency	
2.	Address & Phone No:	
	A) Office: B) Works:	
3.A	SSI registration No. & Date	
3.B	NSIC/CSPO/DGS&D Registration No. & Date	
4.	Details of Shed A) Open Area B) Built up Area	
5.	Type of shed- own / rental	
6.	Proprietorship / Partnership / Company A) Name of Proprietor/ partners / Directors B) Residential Address C) Office Address	
7.	A) Name of Engineer B) Address C) Qualification D) Experience	
8	No. of workers	
	a) Skilled.	

Signature of the Tenderer

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Date:

Place:

Company's Round Seal

Contd. (PTO)

	b)Unskilled.	
9	List of machinery / equipments, (List as per appendix – A is to be submitted)	
10	Plant machinery lay out - to be submitted.	
11	Electricity Supply	
	a) Name of consumer.	
	b) Consumer No.	
	c)Connected load (Copy of light bill is to be submitted)	
12	Details of failure rate of last contract.(As on date of issue of tender documents) as per	
13	Preferential Circle for allotment.	
	Preference 1)	
	Preference 2)	
	Preference 3)	

Annexure-D (Under taking & Validity)

Subject: - Rate Contract for Repairing of Distribution Transformers having CRGO Core(Stack/Wound/Dry/SDT/PAT) of various ratings on item wise rate & Amorphous core on fixed rate including internal parts and external parts.

In connection with the above subject, I / We confirm the following:

- 1 I / We the undersigned have read and examined the Tender Document No. **DGVCL/EE-T-1/DE-T-6/TRANS-REP/-2018-19/01** for **Rate Contract for Repairing of Distribution Transformers having CRGO Core(Stack/Wound/Dry/SDT/PAT) of various ratings, on item wise rate & Amorphous core fixed rate including internal parts and external parts per unit rate basis for amorphous core.**
- 2 I / We declare that our offer is strictly in line with Tender scope of work. Further, I / We also agree that additional conditions/ deviations, if any, found in bid, the offer shall be out rightly rejected without assigning any reason thereof.
- 3 I / We hereby submit our bid and undertake to keep our bid **valid for a period of 120 days** from the date of opening of technical bid. I / We hereby further undertake that during the said period I / We shall not vary/ alter or revoke my/ our bid.

This undertaking is in consideration of DGVCL agreeing to open my bid and consider and evaluate the same for the purposes of award of rate contract as per the bid documents.

Should this bid be accepted, I / We also agree to abide by and fulfill all the terms, conditions and provisions of the above mentioned bid documents.

Signature along with Seal of Co.

(Duly authorized to sign the Tender
On behalf of the Company)

Name: _____

Designation: _____

Name of Co. _____

(In block letters)

Witness:

Signature _____

Date _____

Name & Address _____

Date & Postal Address

Telegraphic Address:

E Mail Address: _____ Telephone No . _____

Fax No. _____

Annexure-E (Under taking for new agency-page 57and 58)

To,
 The CHIEF ENGINEER (O&M)
 DAKSHIN GUJARAT VIJ COMPANY LTD.
 CORPORATE OFFICE
 KAPODRA, SURAT-6

Subject :- Establishment of factory set-up for Rate Contract for Repairing of Distribution Transformers having CRGO & Amorphous core

Dear Sir,

We are hereby applying for vendor registration as new repairing agency for participating in the tender for repairing of CRGO (stack/ wound/ dry/SDT) / Amorphous Transformers & submitting VR fees of Rs.15000/- (non-refundable) or as applicable by DD payable at Kapodra-Surat along with tender technical bid and proposed location of factory.

We are hereby giving undertaking to establish the factory set-up along with all testing instruments & machinery as stated below within 120 days time limit from the date of LOI/LOA at proposed location. If we will fail to establish factory set-up within time frame or will not be considered for vendor registration then in such case, **we agree that our EMD & SD shall stand forfeited.**

We are also submitting solvency certificate from nationalized Bank for Rs.5 Lacs with Tender Documents.

Before issue of order, security deposit, insurance and performance guarantee will be submitted.

List of Testing Instruments and Machinery is as under.

LIST OF TESTING INSTRUMENTS.

SR. NO	ITEM	QTY
1	VOLTMETER 0-150-300-600v (CLASS-1 ACCURACY OR BETTER)	1 No
2	AMMETER 0-10 AMP (CLASS-1 ACCURACY OR BETTER)	
3	WATTMETER 0-750w (CLASS 0.2 OR BETTER) 0-150-300-600V 5/10 AMPS Range.	2 No
4	RATIO METER RANGE 111.1	1 No
5	MEGGAR 1000 VOLTS	1 No
6	H.V. TRANSFORMER 0-50 KV	1 No
7	L.V. TRANSFORMER 0-3 KV	1 No
8	CURRENT TRANSFORMER CLASS 0.2	1 No
9	POTENTIAL TRANSFORMER CLASS 0.2	1 No
10	OIL TESTING SET	1 No
11	DOUBLE VOLTAGE GENERATOR 100 CYCLE 250, 500, 1000 V	1 No
12	STOP WATCH	1 No
13	CLIP ON METER	1 No
14	WHEATSTONE BRIDGE	1 No
15	DIGITAL METER OR KELVIN BRIDGE	1 No
16	INTERMEDIATE TRANSFORMER	1 No
17	PANEL METERS OF TEST BENCH	1 No
18	POWER ANALYZER	1 No.

Signature of the Tenderer

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Date:

Place:

Company's Round Seal

Contd. (PTO)

LIST OF MACHINERY

SR. NO	ITEM	QTY
1	H.V. WINDING MACHINE 1 HP	1 NO.
2	L.V. WINDING MACHINE 2 HP	1 NO.
3	AIR COMPRESSOR WITH MOTOR & OTHER ACCESSORIES	1 NO.
4	SPRAY GUN	1 NO.
5	DRILLING MACHINE	1 NO.
6	FLEXIBLE SHAFT GRINDER	1 NO.
7	JIB CRANE 1 TON CAPACITY	1 NO.
8	CHAIN PULLEY BLOCK WITH LOADING & UN LOADING ARRANGEMENT 2 TON CAPACITY.	1 NO.
9	OVEN/DRIER WITH 1 HP MOTOR 8 KW CAPACITY 100 DEG. C TEMP (Temp. controlled oven)	1 NO.
10	OIL FILTER MACHINE 120GPH CAPACITY	1 NO.
11	VARNIER CALIPERS AND GUAGE METER	1 NO.
12	WELDING MACHINE-300 AMP	1 NO.
13	GAS CUTTING CYLINDER AND EQUIPMENT.	1 NO.
14	CIRCLE CUTTING MACHINE	1 NO.
15	WEIGHING MACHINE	1 NO.
16	SHEARING MACHINE	1 NO.
17	FLY PRESS AND DIE FOR CUTTING DOVETAIL BLOCKS.	1 NO.

Thanking you,

Signature along with Seal of Co.

(Duly authorized to sign the Tender
On behalf of the Company)

Name: _____

Designation: _____

Name of Co. _____

(In block letters)

Signature of the Tenderer

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Date:

Place:

Company's Round Seal

Contd. (PTO)