SBI INFRA MANAGEMENT SOLUTIONS PVT.LTD.
Mezzanine Floor, State Bank of India, Local Head Office, Hoshangabad Road, Bhopal 462011

PART – A : TECHNICAL BID

TENDER ID:- BHO202004009

TENDER FOR:

PROPOSED REPLACEMENT OF 33 KV HT VCB PANEL AT SBI ADMINISTRATIVE OFFICE JABALPUR

TENDER SUBMITTED BY :

NAME : ___________________________________________

ADDRESS : ___________________________________________

__________________________________________

DATE : ___________________________________________

CONSULTANT:

M/s. N.V. BHALE & ASSOCIATES,
238/2, Lokmanya Nagar, Indore (M.P.)
Telefax: 0731-2469177
Email: ecnvba@gmail.com
ecnvb@yahoo.com
bhale9@gmail.com

Signature of Contractor with Seal
Dear Sir,

**Alternative of EMD submission for all Tenders till lockdown period only.**

With reference to the subjected matter, tenderers may submit the self-cheque of saving/current bank account in the form of EMD for the participation in e-tender process and vendor has to upload the scanned copy with the proof of tender application fees on e-tendering website while online bidding as well through email on headbho.sbiims@sbi.co.in with the tender name in subject matter before the tender Opening/End date. There is no need to submit the hard copy of EMD & tender application fees through post at present. In this view, this alternate step has been taken due to the pandemics of COVID-19 & lockdown across PAN India. And shall be followed for the lockdown period only.

Further, the successful (L1) bidder has to submit the hard copy of EMD, before commencement of the works.
NOTICE INVITING TENDERS

SBIIMS on behalf of SBI through its Consultant M/s N.V. Bhale & Associates, Indore invites “online item rate E-tender” from the SBIIMS Empanelled contractors under appropriate category for the captioned work.

_The SBIIMS Empanelled contractors who receive NIT from Consultant/Architect are only entitled to quote for this tender._

The details of tender are as under:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Name of work Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur</td>
</tr>
<tr>
<td>2.</td>
<td>Nature of Work Electrical work</td>
</tr>
<tr>
<td>3.</td>
<td>Time allowed for completion 05 (FIVE) Months</td>
</tr>
<tr>
<td>4.</td>
<td>Tender Processing Fees Tender Processing Fee amounting to Rs 3000 (Rupees three thousand only)(Non-Refundable) to be credited only through State Bank Collect(SB Collect an efficient MIS report generating tool). The steps involved in making the payment is provided at Annexure-A. The receipt generated with the Reference No. will be submitted along with the EMD as a proof for payment.</td>
</tr>
<tr>
<td>5.</td>
<td>Earnest Money Deposit Rs.30000/- (Rupees thirty Thousand only) by means of Demand Draft / Pay Order (Valid for a period of 90 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn in favor of SBI Infra Management Solutions Pvt. Ltd. and payable in Bhopal.</td>
</tr>
<tr>
<td>6.</td>
<td>Initial Security Deposit 2% of contract amount including EMD</td>
</tr>
<tr>
<td>7.</td>
<td>Date of issue of tender documents form Bank’s website From 13.04.2020 to 27.04.2020 <a href="https://etender.sbi/">https://etender.sbi/</a></td>
</tr>
<tr>
<td>8.</td>
<td>Last date &amp; time for submission of Online Technical and Price bid, EMD and cost of tender document Up to 3:00 P.M. on 27.04.2020</td>
</tr>
<tr>
<td>9.</td>
<td>Date &amp; Time of opening of e-tenders 3:30 P.M. on 27.04.2020</td>
</tr>
<tr>
<td>10.</td>
<td>Address at which along with EMD &amp; Cost of tender document proof has to be submitted. The V.P. &amp; Circle Head, State Bank of India Infra Management &amp; Solutions Pvt. Ltd., Mezzanine Floor, State Bank of India, Local Head Office, Hoshangabad Road, Bhopal 462011</td>
</tr>
</tbody>
</table>

Signature of Contractor with Seal
11. Place of opening tenders
   The V.P. & Circle Head, State Bank of India
   Infra Management & Solutions Pvt. Ltd.,
   Mezzanine Floor, State Bank of India, Local
   Head Office, Hoshangabad Road, Bhopal
   462011

12. Liquidated Damages
   0.50% of contract amount per weeks subject to
   max. 5% of contract value or final bill value.

13. Defects liability period
   12 Months from the date of Virtual Completion

14. Validity of offer
   90 days from the date of opening of Price-bid

15. Value of Interim Certificate
   Rs. 5 Lakhs. No advance on materials / plant /
   machinery or mobilization advance shall be paid
   under any circumstances

16. Agency for arranging e-
    tender/online bidding
   M/s e-procurement Technologies Limited-
   Auction Tiger
   Address- B-704, Wall Street-II, Opp. Orient
   Club, Nr. Gujarat College, Ellis Bridge,
   Ahmedabad- 380006 Gujarat (India)
   Bidder Support- 9265562821
   079 61200 594/598/568/587/538
   Email Address- mp@auctiontiger.net
   Website Address- http://sbi.auctiontiger.net

16. Tenders can be downloaded from the bank’s website [www.sbi.co.in](http://www.sbi.co.in) (link) <Procurement
   News>. It shall be responsibility of the contractor to arrange and ensure that all pages of
   technical and financial bid are properly bound separately. Tenders in loose pages may be
disqualified.

17. The contractor shall sign and stamp each page of the tender document thereby ensuring
   the number and sequence of all pages.

18. No conditions other than mentioned in the tender will be considered, and if given they will
   have to be withdrawn before opening of the price-bid.

19. The SBIIMS Pvt. Ltd. reserve their rights to accept or reject any or all the tenders, either in
    whole or in part without assigning any reason(s) for doing so and no claim / correspondence
    shall be entertained in this regard.

20. Tenders received without EMD and Cost of Tender Documents shall be summarily
    rejected and such tenders shall not be allowed to participate in the online price bidding
    process.

Signature of Contractor with Seal
21. In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.

22. SBIIMS Pvt. Ltd. has the right to accept / reject any / all tenders without assigning any reasons and no correspondence shall be entertained in this regard.

Yours Faithfully,

M/s. N.V. BHALE & ASSOCIATES,
238/2, Lokmanya Nagar, Indore (M.P.)
Telefax: 0731-2469177
Email: ecnvba@gmail.com  
ecnvb@yahoo.com  
bhale9@gmail.com

Annexure-A

The steps involved in making the payment through SB Collect are as under:-

1. The Vendor needs to use SBI internet banking site https://www.onlinesbi.com/.

2. Select “SB Collect” from Top Menu that will lead to the next page:

3. “Proceed” will lead to the next page:

4. Select “All India” in “State of Corporate / Institution” & Select “Commercial Services” in “Type of Corporate / Institution”.

5. “Go” will lead to the next page:

6. Select “SBI Infra Management Solutions” in Commercial Services Name and “Submit”

7. Select “Tender Application Fee” in “Payment Category” and enter the “Tender ID” exactly as we preloaded with characters in Uppercase only in place of Circle Codes.

8. The next Page will be ready with few of the Preloaded Tender Details:

9. The Vendor will have to fill up the fields properly and upon making the payment a receipt will be generated with a Reference No.

NOTE : Any type of vendor, whether dealing with SBI or other bank can use this SB Collect facility. Even a contractor not dealing with any bank can use this portal and generate challan and deposit by cash in any SBI branch. The bank charges for cash deposit will be also borne by the vendor himself.
FORM TENDER

To,
The V.P. & Circle Head,
State Bank of India Infra Management & Solutions Pvt. Ltd.,
Mezzanine Floor,
State Bank of India,
Local Head Office, Hoshangabad Road,
Bhopal 462011

Dear Sir,

Having examined the drawings, specification, design and schedule of quantities relating to the works specified in the memorandum hereinafter set out and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said memorandum at the rates mentioned in the attached Schedule of Quantities and in accordance in all respects with the specifications, design, drawings and instructions in writing referred to in conditions of tender, the Articles of Agreement, Special Conditions, Schedule of Quantities and Conditions of Contract and with such materials as are provided for by, and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

<table>
<thead>
<tr>
<th>Description of work</th>
<th>Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earnest Money</td>
<td>Percentage, if any, to be deducted from Bills and total amount to be retained</td>
</tr>
<tr>
<td></td>
<td>10 % from Running Bills, subject to maximum Total 5% of contract amount or actual Final Bill value including EMD &amp; Initial Security Deposit.</td>
</tr>
<tr>
<td>Time allowed for completion of the Works from fourteenth day after the date of written order or date of handing over of the site (whichever is later) to commence the work</td>
<td>05 (five) months</td>
</tr>
</tbody>
</table>

I / We have deposited a sum of **Rs. 30000/- (Rupees thirty thousand only)** of the total tender amount as Earnest Money with the SBI Infra Management Solutions Pvt. Ltd. which amount is not to bear any interest. Should I / We fail to execute the Contract when called upon to do so I / We do hereby agree that this sum shall be forfeited by me/us to SBI Infra Management Solutions Pvt. Ltd.

1) Our Bankers are:

Signature of Contractor with Seal
i) 

ii) 

The names of partners of our firm are:

i) 

ii) 

Name of the partner of the firm

Authorized to sign

Or

(Name of person having Power of Attorney to sign the Contract.
(Certified true copy of the Power of Attorney should be attached)

Yours faithfully,

Signature of Contractors.

Signature and addresses of Witnesses

i) 

ii)
(A) Business rules for E-tendering:

1. Only empanelled contractors with SBIIMS PVT. LTD. under appropriate category who are invited by the project Architect/SBIIMS shall only be eligible to participate.

2. SBIIMS PVT.LTD. will engage the services of and E-tendering service provider who will provide necessary training and assistance before commencement of online bidding on Internet.

3. In case of e-tendering, SBIIMS will inform the vendor in writing, the details of service provider to enable them to contact and get trained.

4. Business rules like event date, closing and opening time etc. also will be communicated through service provider for compliance.

5. Contractors have to send by email, the compliance form in the prescribed format (provided by service provider),before start of E-tendering. Without this the vendor will not be eligible to participate in the event.

6. The Contractors will be required to submit the hard copy of EMD and proof of tender application copies in sealed Envelope to the office of SBI Infra Solutions Pvt Ltd.at the address mentioned hereinbefore by the stipulated date and time. Contractors not submitting any one or more documents shall not be eligible to participate in the on line price bidding.

7. E-tendering will be conducted on schedule date & time.

8. The e-tendering will be treated as closed only when the bidding process gets closed in all respects for the item listed in the tender.

(B) Terms & conditions of E-tendering:

SBIIMS PVT. LTD. shall finalize the Tender through e-tendering mode for which M/s e-Procurement technologies Pvt Ltd, Ahemedabad has been engaged by SBIIMS an authorized service provider. Please go through the guidelines given below and submit your acceptance to the same along with your Commercial Bid.

1. E-tendering shall be conducted by SBIIMS through M/s e-Procurement technologies Pvt Ltd, Ahemedabad, on pre-specified date. While the Contractors shall be quoting from their own offices/ place of their choice, Internet connectivity and other paraphernalia requirements shall have to be ensured by Contractors themselves. In the event of failure of their Internet connectivity, (due to any reason whatsoever it may be) it is the bidders’ responsibility. In order to ward-off such contingent situation bidders are requested to make all the necessary arrangements/ alternatives such as back-up power supply whatever required so that they are able to circumvent such situation and still be able to participate in the E-tendering successfully. Failure of power at the premises of Contractors during the E-tendering cannot be the cause for not participating in the E-tendering. On account of this the time for the E-tendering cannot be extended and SBIIMS Pvt. Ltd. is not responsible for such eventualities.

2. M/s e-Procurement technologies Pvt Ltd, Ahemedabad shall arrange to train your nominated person(s), without any cost to you. They shall also explain you all the Rules

Signature of Contractor with Seal
related to the E-tendering. You are required to give your compliance on it before start of bid process.

3. BIDDING CURRENCY AND UNIT OF MEASUREMENT: Bidding will be conducted in Indian currency & Unit of Measurement will be displayed in Online E-tendering.

4. BID PRICE: The Bidder has to quote the rate as per the Tender Document provided by SBIIMS Pvt. Ltd. their appointed Architects.

5. VALIDITY OF BIDS: The Bid price shall be firm for a period specified in the tender document and shall not be subjected to any change whatsoever.

6. Procedure of E-tendering:
   i. Online E-tendering:
      (a) The hard copy of the Technical as well as Price Bid is available on the Bank’s website during the period specified in the NIT.
      (b) Online e-tendering is open to the empanelled bidders who receive NIT from the Architect and qualified for participating in the price bidding as provisions mentioned hereinabove through SBIIMS approved Service Provider.
      (c) The Price-Bid shall be made available online by the Service Provider wherein the contractors will be required to fill-in their Item-wise rates for each item.
      (d) The Contractors are advised not to wait till the last minute to submit their online item-wise quote in the price bid to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc.
      (e) It is mandatory to all the bidders participating in the price bid to quote their rates for each and every item.
      (f) In case, contractor fails to quote their rates for any one or more tender items, their tender shall be treated as “Incomplete Tender” and shall be liable for rejection.

7. LOG IN NAME & PASSWORD: Each Bidder is assigned a Unique User Name & Password by M/s e-Procurement technologies Pvt Ltd, Ahmedabad. The Bidders are requested to change the Password after the receipt of initial Password from M/s e-Procurement technologies Pvt Ltd, Ahmedabad. All bids made from the Login ID given to the bidder will be deemed to have been made by the bidder.

8. BIDS PLACED BY BIDDER: Bids will be taken as an offer to execute the work as specified. Bids once made, cannot be cancelled / withdrawn and the Bidder shall be bound to execute the work at the quoted bid price. In case the L-1 Bidder backs out or fail to complete the work as per the rates quoted, SBIIMS shall at liberty to take action as deemed necessary including depaneling such contractors and forfeiting their EMD.

9. At the end of the E-tendering, SBIIMS Pvt. Ltd. will decide upon the winner. SBIIMS Pvt. Ltd. decision on award of Contract shall be final and binding on all the Bidders.

10. SBIIMS shall be at liberty to cancel the E-tendering process / tender at any time, before ordering, without assigning any reason.

11. SBIIMS shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
12. Other terms and conditions shall be as per your techno-commercial offers and other correspondences till date.

13. OTHER TERMS & CONDITIONS:

- The Bidder shall not involve himself or any of his representatives in Price manipulation of any kind directly or indirectly by communicating with other suppliers / bidders.

- The Bidder shall not divulge either his Bids or any other exclusive details of SBIIMS Pvt. Ltd. to any other party.

- SBIIMS Pvt. Ltd. decision on award of Contract shall be final and binding on all the Bidders.

- SBIIMS Pvt. Ltd. reserve their rights to extend, reschedule or cancel any E-tendering within its sole discretion.

- SBIIMS or its authorized service provider M/s e-Procurement technologies Pvt Ltd, Ahemedabad shall not have any liability to Bidders for any interruption or delay in access to the site irrespective of the cause.

- SBIIMS or its authorized service provider M/s e-Procurement technologies Pvt Ltd, Ahemedabad is not responsible for any damages, including damages that result from, but are not limited to negligence.

- SBIIMS or its authorized service provider M/s e-Procurement technologies Pvt Ltd, Ahemedabad will not be held responsible for consequential damages, including but not limited to systems problems, inability to use the system, loss of electronic information etc.

N.B.

- All the Bidders are required to submit the Process Compliance Statement (Annexure II) duly signed to M/s. Antares Systems Limited.

- All the bidders are requested to ensure that they have a valid digital signature certificate well in advance to participate in the online event.
PROCESS COMPLIANCE STATEMENT (ANNEXURE II)

(The bidders are required to print this on their company’s letter head and sign, stamp before emailing)

To,
M/s. e-Procurement Technologies Pvt Limited,
B-704, Wall Street-II, Opp. Orient Club, Near Gujrat College Road,
Ellise Bridge, Ahemedabad-380006
Mobile no. 7940016800
Email: aman.v@procuretiger.com

AGREEMENT TO THE PROCESS RELATED TERMS AND CONDITIONS FOR THE ONLINE E-TENDERING Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur

Dear Sir,

This has reference to the Terms & Conditions for the E-tendering mentioned in the Tender document.
This letter is to confirm that:
1) The undersigned is authorized representative of the company.

2) We have studied the Commercial Terms and the Business rules governing the E-tendering as mentioned in RFP of SBIIMS Pvt. Ltd.as well as this document and confirm our agreement to them.

3) We also confirm that we have taken the training on the E-tendering tool and have understood the functionality of the same thoroughly.

4) We confirm that SBIIMS Pvt. Ltd. and M/s.e-Procurement Technologies Pvt Limitedshall not be liable & responsible in any manner whatsoever for my/our failure to access & bid on the e-E-tendering platform due to loss of internet connectivity, electricity failure, virus attack, problems with the PC, any other unforeseen circumstances etc. before or during the E-tendering event.

5) We confirm that we have a valid digital signature certificate issued by a valid Certifying Authority.

Signature of Contractor with Seal
6) We, hereby confirm that we will honor the Bids placed by us during the E-tendering process.

With regards,

Date:

Signature with company seal

Name:

Company / Organization:

Designation within Company / Organization:

Address of Company / Organization:

Scan it and send to this Document on --------------------------
ARTICLES OF AGREEMENT
(On non-judicial Stamp Paper of Rs. 500/- or as per latest Govt. Rules)
ARTICLES OF AGREEMENT made the ______________ date of _______ between SBIIMS PVT.LTD., on behalf of SBI, having its office at Bhopal hereinafter called "the Service Provider" of the One Part and __________________________________________________________
WHEREAS the SBIIMS PVT.LTD. is desirous of __________________________________________________________
________________________________________________________
and has caused drawings and specifications describing the work to be done to be prepared by

AND WHEREAS the said Drawings numbered _______________ to ______________ inclusive, the Specifications and the Schedule of Quantities have been signed by or on behalf of the parties hereto.

AND WHEREAS the Contractor has agreed to execute upon and subject to the Conditions set forth herein and to the Conditions set forth herein in the Special Conditions and in the Schedule of Quantities and Conditions of Contract (all of which are collectively hereinafter referred to as “the said conditions”) the works shown upon the said Drawings and/or described in the said Specifications and included in the Schedule of Quantities at the respective rates therein set forth amounting to the sum as therein arrived at or such other sum as shall become payable there under (hereinafter referred to as “the said Contract Amount.”)

NOW IT IS HEREBY AGREED AS FOLLOWS:
1) In consideration of the said Contract Amount to be paid at the times and in the manner set forth in the said Conditions, the Contractor shall upon and subject to the said Conditions execute and complete the work shown upon the said Drawings and described in the said Specifications and the priced Schedule of Quantities.

2) The Employer shall pay to the Contractor the said Contract Amount, or such other sum as shall become payable, at the times and in the manner specified in the said Conditions.

3) The term “the Consultant/Architects” in the said Conditions shall mean the said M/s. N.V. Bhale & Associates, Indore, or in the event of their ceasing to be the Architects for the purpose of this Contract for whatever reason, such other person or persons as shall be nominated for that purpose by the Employer, not being a person to whom the Contractor shall object for reasons considered to be sufficient by the Employer, PROVIDED ALWAYS that no person or persons subsequently appointed to be Architects under this Contract shall be entitled to disregard or overrule any previous decisions or approval or direction given or expressed in writing by the outgoing Architects for the time being.

Signature of Contractor with Seal
4) The said Conditions and Appendix thereto shall be read and construed as forming part of this Agreement, and the parties hereto shall respectively abide by submit themselves to the said Conditions and perform the Agreements on their part respectively in the said Conditions contained.

5) The Plans, Agreements and Documents mentioned herein shall form the basis of this Contract.

6) This Contract is neither a fixed lump-sum contract nor a piece work contract but a contract to carry out the work in respect of the entire building complex to be paid for according to actual measured quantities at the rates contained in the Schedule of Quantities and Rates or as provided in the said Conditions.

7) The Contractor shall afford every reasonable facility for the carrying out of all works relating to civil works, installation of lifts, Telephone, electrical installations, fittings air-conditioning and other ancillary works in the manner laid down in the said Conditions, and shall make good any damages done to walls, floors, etc. after the completion of his work.

8) The SBIIMS Pvt. Ltd. reserves to itself the right of altering the drawings and nature of the work by adding to or omitting any items of work or having portions of the same carried out without prejudice to this Contract.

9) Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work soon after the Site is handed over to him or from 14th day after the date of issue of formal work order as provided for in the said Conditions whichever is later and to complete the entire work within 05 (Five Months) subject to nevertheless the provisions for extension of time.

10) All payments under this Contract will be made only at SBI.

11) All disputes arising out of or in any way connected with this Agreement shall be deemed to have arisen at Bhopal and only the Courts in Bhopal shall have jurisdiction to determine the same.

12) That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor.

IN WITNESS WHEREOF THE SBIIMS PVT. LTD. and the Contractor have set their respective hands to these presents and two duplicates hereof the day and year first hereinabove written.

SIGNATURE CLAUSE

SIGNED AND DELIVERED by the

Signature of Contractor with Seal
Signature of Contractor with Seal
SECTION – 1

INSTRUCTIONS TO THE TENDERERS

1.0 Scope of work

Sealed Tenders are invited M/s N.V. Bhale & Associates, Indore on behalf of SBIIMS PVT.LTD. Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur

1.1 Site and its location

The proposed work is to be carried out at Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur

2.0 Tender documents

2.1 The work has to be carried out strictly according to the conditions stipulated in the tender consisting of the following documents and the most workmen like manner.

Instructions to tenderers

General conditions of Contract

Special conditions of Contract

Additional specifications

Drawings

Priced bid A

2.2 The above documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies, shall take precedence in the order given below;

a) Price Bid
b) Additional Specifications
c) Technical specifications
d) Drawings
e) Special conditions of contract
f) General conditions of contract
g) Instructions to Tenderers

2.3 Complete set of tender documents including relative drawings can be downloaded from the website www.sbi.co.in

Signature of Contractor with Seal
2.4 The tender documents are not transferable.

3.0 **Site Visit**

3.1 The tenderer must obtain himself on his own responsibility and his own expenses all information and data that may be required for the purpose of filling this tender document and enter into a contract for the satisfactory performance of the work. The tenderer is requested satisfy himself regarding the availability of water, power, transport and communication facilities, the character quality and quantity of the materials, labour, the law and order situation, climatic conditions local authorities requirement, traffic regulations etc;

The tenderer will be fully responsible for considering the financial effect of any or all the factors while submitting his tender.

4.0 **Earnest Money**

4.1 The tenderers are requested to submit the Earnest Money of **Rs.30000/- (Rupees Thirty thousand only by means of Demand Draft / Pay Order** (Valid for a period of 180 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn **in favor of SBI Infra Management Solutions Pvt. Ltd. and payable in Bhopal**.

4.2 EMD in any other form other than as specified above will not be accepted. Tender not accompanied by the EMD in accordance with clause 4.1 above shall be rejected.

4.3 No interest will be paid on the EMD.

4.4 EMD of unsuccessful tenderer will be refunded within 30 days of award of Contract.

4.5 EMD of successful tenderer will be retained as a part of security deposit.

5.0 **Initial/ Security Deposit**

The successful tenderer will have to submit a sum equivalent to 2% of accepted tender value less EMD by means of DD drawn in favour of SBIIMS Pvt. Ltd. within a period of 15 days of acceptance of tender.

6.0 **Security Deposit**

6.1 Total security deposit shall be 5% of contract value. Out of this 2% of contract value is in the form of Initial Security Deposit (ISD) which includes the EMD. Balance 3% shall be deducted from the running account bill of the work at the rate of 10% of the respective running account bill i.e., deduction from each running bill account will be @10% till Total Security Deposit (TSD) including ISD reaches to 5% of contract value. The 50% of the Total Security Deposit shall be paid to the contract on the basis of architect’s certifying the virtual completion. The balance 50% would be paid to the contractors after the defects liability period as specified in the contract.

Signature of Contractor with Seal
6.2 **Additional Security Deposit**

In case L-1 bidder quotes abnormally low rates (i.e. 10% or more, below estimated project cost), the bank may ask such bidder to deposit additional security deposit (ASD) equivalent to difference of estimated cost vis-à-vis L-1 quoted amount for due fulfillment of contract. Such ASD could be in the form of FDR / Bank’s guarantee in the Bank’s name as per format approved by the Bank. On successful completion of work ASD will be returned to the contractor. In case contractor fails to complete the work in time or as per tender specification or leave the job incomplete, the bank will be at liberty to recover the dues from ASD or to forfeit such ASD as the case may be within its sole discretion.

6.3 No interest shall be paid to the amount retained by the Bank as Security Deposit.

7.0 **Signing of contract Documents**

The successful tenderer shall be bound to implement the contract by signing an agreement and conditions of contract attached herewith within 30 days from the receipt of intimation of acceptance of the tender by the Bank. However, the written acceptance of the tenders by the Bank will constitute a binding agreement between the Bank and successful tenderer whether such formal agreement is subsequently entered into or not.

8.0 **Completion Period**

Time is essence of the contract. The work should be completed in all respect accordance with the terms of contract within a period of 05 (Five Months) from the date of award of work.

9.0 **Validity of tender**

Tenders shall remain valid and open for acceptance for a period of 90 days from the date of opening price bid. If the tenderer withdraws his/her offer during the value period or makes modifications in his/her original offer which are not acceptable to Bank without prejudice to any other right or remedy the Bank shall be at liberty forfeit the EMD.

10.0 **Liquidated Damages**

The liquidated damages shall be 0.50% per week subject to a maximum of 5% of contract value.

11.0 **Rate and prices:**

11.1 **In case of item rate tender**

11.1.1 The tenderers shall quote their rates for individual items both in words and figure. In case of discrepancy between the rate quoted in words and figures, the unit rate quantity in words will prevail. If no rate is quoted for a particular item the contractor shall not be paid for that item when it is executed. The amount of each item shall be calculated and the requisite total is given. In case of discrepancy between the unit rate and the total amount calculated from multiplication of unit rate and the quantity the unit rate quoted will govern and the amount will be corrected.

Signature of Contractor with Seal
11.1.2 The tenderers need not quote their rates for which no quantities have been given. In case the tenderers quote their rates for such items those rates will be ignored and will not be considered during execution.

11.1.3 The tenderers should not change the units as specified in the tender. If any unit is changed the tenders would be evaluated as per the original unit and the contractor would be paid accordingly.

The tenderer should not change or modify or delete the description of the item. If any discrepancy is observed he should immediately bring to the knowledge of the Architect/ SBIIMS Pvt. Ltd.

11.1.4 Each page of the BOQ shall be signed by the authorized person and cutting or overwriting shall be duly attested by him.

11.1.5 Each page shall be totaled and the grand total shall be given.

11.1.6 The rate quoted shall be firm and shall include all costs, allowances, taxes, levies.

11.1.7 The SBIIMS Pvt. Ltd. reserve their rights to accept any tenders, either in whole or in part or may entrust the work in phases or may drop the part scope of work at any stage of the project within its sole discretion without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.

11.1.8 In case it is decided by the SBIIMS Pvt. Ltd. to drop one or more buildings from the scope of work at any stage of the project, the contractor shall not be entitled to raise any claim / compensation for such deleted scope of work. Also, the SBIIMS Pvt. Ltd. may consider issuing work order for various buildings in phases but within a reasonable time interval and the contractor shall be bound to execute the same within the stipulated time period and as per rates quoted by them in this tender without any claim for price escalation.

SIGNATURE OF THE CONTRACTOR

WITH SEAL

Signature of Contractor with Seal
1.0 **Definitions:**

"Contract means the documents forming the tender and the acceptance thereof and the formal agreement executed between SBI Infra Management Solutions Pvt. Ltd. (client) and the contractor, together with the documents referred there in including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Architects/ Bank and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

1.1 In the contract the following expressions shall, unless the context otherwise requires, have the meaning hereby respectively assigned to them.

1.1.1 ‘SBIIMS’ shall mean V.P. & Circle Head, State Bank of India Infra Management & Solutions Pvt. Ltd., Mezzanine Floor, State Bank of India, Local Head Office, Hoshangabad Road, Bhopal 462011 and includes the client’s representatives, successors and assigns.

1.1.2 ‘Architects/ Consultants’ shall mean M/s Design Home, Bhopal.

1.1.3 ‘Site Engineer’ shall mean an Engineer appointed by the SBIIMS at site as their representative for day-to-day supervision of work and to give instructions to the contractors.

1.1.4 ‘The Contractor’ shall mean the individual or firm or company whether incorporate not, undertaking the works and shall include legal personal representative of individual or the composing the firm or company and the permitted assignees of individual or firms of company.

The expression ‘works’ or ‘work’ shall mean the permanent or temporary work description in the “Scope of work” and / or to be executed in accordance with the contract includes materials, apparatus, equipment, temporary supports, fittings and things of kinds to be provided, the obligations of the contractor hereunder and work to be done by the contractor under the contract.

1.1.5 ‘Engineer’ shall mean the representative of the Architect/consultant.

1.1.6 ‘Drawings’ shall mean the drawings prepared by the Architects and issued by the Engineer and referred to in the specifications and any modifications of such drawings as may be issued by the Engineer from time to time. Contract value shall mean value of the entire work as stipulated in the letter of acceptance of tender subject such additions there to or deductions there from as may be made under the provide herein after contained.

1.1.7 Specifications’ shall mean the specifications referred to in the tender and modifications thereof as may time to time be furnished or approved by the Architect/ Consultant.

1.1.8 "Month" means calendar month.

1.1.9 “Week” means seven consecutive days.

1.1.10 "Day" means a calendar day beginning and ending at 00 Hrs and 24 Hrs respectively.
1.1.11 “SBIIMS’s Engineer” shall mean The Civil / Electrical Engineer in - charge of the Project, as nominated by the V.P. & Circle Head, SBI Infra Management Solutions Pvt. Ltd.

1.1.12 The following shall constitute the Joint Project Committee (herein under referred to as JPC) for assessing and reviewing the progress of the work on the project and to issue instructions or directions from time to time for being observed and followed by the Architects Site Engineer /PMC and other consultants / contractors engaged in the execution of the project.

   i) Vice President – Circle Head of SBIIMS Pvt. Ltd.
   ii) SBIIMS Engineer (Civil and Electrical) in-charge of the Project, as may be nominated by the M.D. & CEO, SBI Infra Management Solutions Pvt. Ltd…..Members.
   iii) Concerned partner of the Architects and their Resident Architect…. Member.

CLAUSE

1.0 Total Security Deposit

Total Security deposit comprise of

Earnest Money Deposit

Initial security deposit

Retention Money

a) Earnest Money Deposit -

The tenderer shall furnish EMD of Rs. 30000/- (Rupees Thirty thousand only) in the form of Demand draft or bankers cheque drawn in favour of SBIIMS PVT. LTD., on any Scheduled Bank. No tender shall be considered unless the EMD is so deposited in the required form. No interest shall be paid on this EMD. The EMD of the unsuccessful tenderer shall be refunded soon after the decision to award the contract is taken without interest. The EMD shall stand absolutely forfeited if the tenderer revokes his tender at any time the period when he is required to keep his tender open acceptance by the SBIIMS Pvt. Ltd. or after it is accepted by the SBIIMS Pvt. Ltd. the contractor fails to enter into a formal agreement or fails to pay the initial security deposit as stipulated or fails to commence the work within the stipulated time.

b) Initial Security Deposit (ISD)

The amount of ISD shall be 2% of accepted value of tender including the EMD in the form of DD/FDR drawn on any scheduled Bank and shall be deposited within 15 days from the date of acceptance of tender.

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ADDITIONAL SECURITY DEPOSIT / PERFORMANCE GUARANTEE

In case L-1 bidder quotes abnormally low rates (i.e. 10% or more, below estimated project cost), the bank may ask such bidder to deposit additional security deposit (ASD) equivalent to difference of estimated cost vis-à-vis L-1 quoted amount for due fulfillment of contract as performance guarantee. Such ASD could be in the form of FDR / Bank’s guarantee in the Bank’s name as per format approved by the Bank. On successful completion of work ASD will be returned to the contractor. In case contractor fails to complete the work in time or as per tender specification or leave the job incomplete, the bank will be at liberty to recover the dues from ASD or to forfeit such ASD as the case may be within its sole discretion.
No interest shall be paid to the amount retained by the Bank as Security Deposit.

c) Retention Money: -

Besides the SD as deposited by the contractor in the above said manner, the Retention money shall be deducted from the running account bill at the rate of 10% of the gross value of work done by the contractor and claimed in each bill provided the total security deposit i.e. ISD plus EMD plus Retention Money shall both together not exceed 5% of the contract value. The 50% of the total security deposit shall be refunded to the contractor without any interest on issue of Virtual Completion certificate by the Architect/consultant. The balance 50% of the total security deposit shall be refunded to the contractors without interest within fifteen days after the end of defects liability period provided the contractor has satisfactorily attended to all defects in accordance with the conditions of contract including site clearance.

2.0 Language

The language in which the contract documents shall be drawn shall be in English.

3.0 Errors, omissions and discrepancies

In case of errors, omissions and/or disagreement between written and scaled dimensions on the drawings or between the drawings and specifications etc., the following order shall apply.

i) Between scaled and written dimension (or description) on a drawing, the latter shall be adopted.

ii) Between the written or shown description or dimensions in the drawings and the corresponding one in the specification the former shall be taken as correct.

iii) Between written description of the item in the specifications and descriptions in bills of quantities of the same item, the former shall be adopted:

a) In case of difference between rates written in figures and words, the rate in words shall prevail.

b) Between the duplicate / subsequent copies of the tender, the original tender shall be taken as correct.
4.0 **Scope of Work:**

The contractor shall carry out complete and maintain the said work in every respect strictly in accordance with this contract and with the directions of and to the satisfaction of the SBIIMS from time to time issue further drawings and instructions, details directions and explanations which are hereafter collectively references to as Architect's instructions in regard to the variation or modification of the design, quality or quantity of any work or the addition or omission or substitution work. Any discrepancy in the drawings or between BOQ and drawings and specifications. The removal from the site of any material brought thereon by the Contractor and any substitution of any other materials therefore the removal and or re-executed of any work executed by him. The dismissal from the work of any person engaged thereupon.

5.0 i) **Letter of Acceptance:**

Within the validity period of the tender the SBIIMS shall issue a letter of acceptance directly or through the architect by registered post or otherwise depositing at the of the contractor as given in the tender to enter into a Contract for the execution of the work as per the terms of the tender. The letter of acceptance shall constitute a bind contract between the SBIIMS and the contractor.

ii) **Contract Agreement:**

On receipt of intimation of the acceptance of tender from the SBIIMS Pvt. Ltd/ Architect the successful tenderer shall be bound to implement the contract and within fifteen days thereof shall sign an agreement in a non-judicial stamp paper of appropriate value.

6.0 **Ownership of drawings:**

All drawings, specifications and copies thereof furnished by the SBIIMS Pvt. Ltd. through its Architect / consultants are the properties of the SBIIMS Pvt. Ltd. They are not to be used on other work.

7.0 **Detailed drawings and instructions:**

The SBIIMS Pvt. Ltd. through its architects / consultants shall furnish with reasonable proper additional instructions by means of drawings or otherwise necessary for the execution of the work. All such drawings and instructions shall be consistent with contract documents, true developments thereof and reasonably inferable there.

The work shall be executed in conformity therewith and the contractor prepare a detailed programme schedule indicating therein the date of start and completion of various activities on receipt of the work order and submit the same to the SBIIMS Pvt. Ltd. through the architect/consultant.

7.0 **Copies of agreement**

Two copies of agreement duly signed by both the parties with the drawings shall be handed over to the contractors.

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8.0 **Liquidated damages:**

If the contractor fails to maintain the required progress in terms of clause 6.0 of GOC or to complete the work and clear the site including vacating their office on or before the contracted or extended date or completion, without justification in support of the cause of delay, he may be called upon without prejudice to any other right of remedy available under the law to the SBIIMS Pvt. Ltd. on account of such breach to pay a liquidated damages at the rate of 0.50% of the contract value which subject to a maximum of 5% of the contract value.

9.0 **Materials, Appliances and Employees**

Unless or otherwise specified the contractor shall provide and pay for all materials, labour, water, power, tools, equipment transportation and any other facilities that are required for the satisfactory execution and completion of the work. Unless or otherwise specified all materials shall be new and both workmanship and materials shall be best quality. The contractor shall at all times enforce strict discipline and good order among his employees and shall not employ on the work any unfit person or anyone not skilled in the work assigned to him. Workman whose work or behavior is found to be unsatisfactory by the SBIIMS Pvt. Ltd. /Architect/ consultant he shall be removed from the site immediately.

10.0 **Permits, Laws and Regulations:**

Permits and licenses required for the execution of the work shall be obtained by the contractor at his own expenses. The contractor shall give notices and comply with the regulations, laws, and ordinances rules, applicable to the contract. If the contractor observes any discrepancy between the drawings and specifications, he shall promptly notify the SBIIMS Pvt. Ltd. in writing under intimation of the Architect/ Consultant. If the contractor performs any act, which is against the law, rules and regulations he shall meet all the costs arising there from and shall indemnify the SBIIMS Pvt. Ltd. any legal actions arising there from.

11.0 **Setting out Work:**

The contractor shall set out the work and shall be responsible for the true and perfect setting out of the same and for the correctness of the positions, levels, dimensions, and alignment of all parts thereof and get it approved by the architect / consultant before proceeding with the work. If at any time any error in this respect shall appear during the progress of the works, irrespective of the fact that the layout had been approved by, the architect / consultant the contractor shall be responsible for the same ad shall his own expenses rectify such error, if so, required to satisfaction of the SBIIMS Pvt. Ltd.

12.0 **Protection of works and property:**

The contractor shall continuously maintain adequate protection. of all his work from damage and shall protect the SBI’s properties from injury or loss arising in connection with contract. He shall make good any such damage, injury, loss, except due to causes beyond his control and due to his fault or negligence.

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He shall take adequate care and steps for protection of the adjacent properties. The contractor shall take all precautions for safety and protections of his employees on the works and shall comply with all applicable provisions of Govt. and local bodies’ safety laws and building codes to prevent accidents, or injuries to persons or property on about or adjacent to his place of work. The contractor shall take insurance covers as per clause 24.0 at his own cost. The policy may be taken in joint names of the contractor and the SBIIMS Pvt. Ltd. and the original policy may be lodged with the SBIIMS Pvt. Ltd.

13.0 **Inspection of work:**

The SBIIMS Pvt. Ltd. / Architect / Consultant or their representatives shall at all reasonable times have free access to the work site and / or to the workshop, factories, or other places where materials are lying or from where they are obtained and the contractor shall give every facility to the SBIIMS Pvt. Ltd./Architect/consultant and their representatives necessary for inspection and examination and test of the materials and workmanship. No person unless authorized by the SBIIMS Pvt. Ltd./ Architect /Consultant except the representative of Public authorities shall be allowed on the work at any time. The proposed work either during its construction stage or its completion can also be inspected by the Chief Technical Examiner’s Organization a wing of Central Vigilance commission.

14.0 **Assignment and subletting**

The whole of work included in the contract shall be executed the contractor and he shall not directly entrust and engage or indirectly transfer, assign or underlet the contract or any part or share there of or interest therein without the written consent of the SBIIMS Pvt. Ltd. through the Architect and no undertaking shall relieve the contractor from the responsibility of the contractor from active & superintendence of the work during its progress.

15.0 **Quality of materials, workmanship & Test**

All materials and workmanship shall be best of the respective kinds described in the contract and in accordance with Architect/consultant instructions and shall be subject from time to time to such tests as the architect/consultant may direct at the place of manufacture or fabrication or on the site or an approved testing laboratory. The contractor shall provide such assistance, instruments, machinery, labor, and materials as are normally required for examining measuring sampling and testing any material or part of work before incorporation in the work for testing as may be selected and required by the architect/consultant.

**ii) Samples**

All samples of adequate numbers, size, shades & pattern as per specifications shall be supplied by the contractor without any extra charges. If certain items proposed to be used are of such nature that samples cannot be presented or prepared at the site detailed literature / test certificate of the same shall be provided to the satisfaction of the Architect/consultant. Before submitting the sample / literature the contractor shall satisfy himself that the material / equipment for which he is submitting the sample / literature meet with the requirement of tender specification. Only when the samples are approved in writing by the architect / consultant the contractor shall proceed with the procurement and installation of the particular material / equipment. The approved

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samples shall be by the signed by the Architect / Consultant for identification and shall be kept on record at site office until the completion of the work for inspection / comparison at any time. The Architect/Consultant shall take reasonable time to approve the sample. Any delay that might occur in approving the samples for reasons of its not meeting the specifications or other discrepancies inadequacy in furnishing samples of best qualities from various manufacturers and such other aspects causing delay on the approval of the materials / equipment etc. shall be to the account of the contractor.

iii) Cost of tests

The cost of making any test shall be borne by the contractor if such test is intended by or provided for in the specification or BOQ.

iv) Costs of tests not provided for

If any test is ordered by the Architect/ Consultant which is either

a) If so intended by or provided for or (in the cases above mentioned) is not so particularized, or though so intended or provided for but ordered by the Architect / Consultant to be carried out by an independent person at any place other than the site or the place of manufacture or fabrication of the materials tested or any Government / approved laboratory, then the cost of such test shall be borne by the contractor.

16.0 Obtaining information related to execution of work

No claim by the contractor for additional payment shall be entertained which is consequent upon failure on his part to obtain correct information as to any matter affecting the execution of the work nor any misunderstanding or the obtaining incorrect information or the failure to obtain correct information relieve him from any risks or from the entire responsibility for the fulfillment of contract.

17.0 Contractor’s superintendence

The contractor shall give necessary personal superintendence during the execution the works and as long, thereafter, as the Architect / Consultant may consider necessary until the expiry of the defects liability period, stated here to.

18.0 Quantities

i) The bill of quantities (BOQ) unless or otherwise stated shall be deemed to have been prepared in accordance with the Indian Standard Method of Measurements and quantities. The rate quoted shall remain valid for variation of quantity against individual item to any extent. The entire amount paid under Clause 19, 20 hereof as well as amounts of prime cost and provision sums, if any, shall be excluded.

19.0 Works to be measured

The Architect/Consultant may from time to time intimate to the contractor that he require the work to be measured and the contractor shall forthwith attend or send a quantity representative to assist the Architect in taking such measurements and calculation and to furnish all particulars or to give all assistance required by any of them. Such measurements shall be taken in accordance with the Mode of
measurements detail in the specifications. The representative of the Architect / Consultant shall take measurements with the contractor’s representative and the measurements shall be entered in the measurement book. The contractor or his authorized representative shall sign all the pages of the measurement book in which the measurements have been recorded in token of his acceptance. All the corrections shall be duly attested by both representatives. No over writings shall be made in the Measurement book should the contractor not attend or neglect or omit to depute his representative to take measurements the measurements recorded by the representative of the Architect / consultant shall be final. All authorized extra work, omissions and all variations made shall be included such measurement.

20.0 Variations

No alteration, omission or variation ordered in writing by the Architect / consultant vitiates the contract. In case the SBIIMS Pvt. Ltd. / Architect / Consultant thinks proper at any during the progress of works to make any alteration in, or additions to or omission from the works or any alteration in the kind or quality of the materials to be used therein, the Architect / Consultant shall give notice thereof in writing to the contractor shall confirm in writing within seven days of giving such oral instructions the contract shall alter to, add to, or omit from as the case may be in accordance with such but the contractor shall not do any work extra to or make any alterations or additions to or omissions from the works or any deviation from any of the provisions of the contract, stipulations, specifications or contract drawings without previous consent in writing of the Architect/ Consultant and the value of such extras, alterations, additions or omissions shall in all cases be determined by the Architect / Consultant and the same shall be added to or deducted from the contract value, as the case may be.

21.0 Valuation of Variations

No claim for an extra shall be allowed unless it shall have been executed under the authority of the Architect / Consultant with the concurrence of the SBIIMS Pvt. Ltd. as herein mentioned. Any such extra is herein referred to as authorized extra and shall be made in accordance with the following provisions.

a) (i) The net rates or prices in the contract shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced herein.

(ii) Rates for all items, wherever possible should be derived out of the rates given in the priced BOQ.

b) The net prices of the original tender shall determine the value of the items omitted, provided if omissions do not vary the conditions under which any remaining items of Works are carried out, otherwise the prices for the same shall be valued under sub-Clause ‘c’ hereunder.

c) Where the extra works are not of similar character and/or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items or works are carried out, then the contractor shall within 7 days of the receipt of the letter of acceptance inform the Architect/ consultant of the rate which he intends to charge for such items of work, duly supported by analysis of the rate or rates claimed and the Architect/ consultant shall fix such rate or prices as in the circumstances in his opinion are reasonable and proper, based on the market rate.

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d) Where extra work cannot be properly measured or valued the contractor shall be allowed day work prices at the net rates stated in the tender, of the BOQ or, if not, so stated then in accordance with the local day work rates and wages for the district; provided that in either case, vouchers specifying the daily time (and if required by the Architect/Consultant) the workman’s name and materials employed be delivered for verifications to the Architect /consultant at or before the end of the week following that in which the work has been executed.

e) It is further clarified that for all such authorized extra items where rates cannot be derived from the tender, the Contractor shall submit rates duly supported by rate analysis worked on the ‘market rate basis for material, labour hire / running charges of equipment and wastages etc. plus 15% towards establishment charges, contractor’s overheads and profit. Such items shall, not be eligible for escalation.

22.0 **Final measurement**

The measurement and valuation in respect of the contract shall be completed within two months of the virtual completion of the work.

23.0 **Virtual Completion Certificate (VCC)**

On successful completion of entire works covered by the contract to the full satisfaction of the SBIIMS Pvt. Ltd., the contractor shall ensure that the following works have been completed the satisfaction of the SBIIMS Pvt. Ltd.:

a) Clear the site of all scaffolding, wiring, pipes, surplus materials, contractor’s labour equipment and machinery.

b) Demolish, dismantle and remove the contractor’s site office, temporary works, structure including labour sheds/camps and constructions and other items and things whatsoever brought upon or erected at the site or any land allotted to the contractor by the SBIIMS Pvt. Ltd. not incorporated in the permanent works.

c) Remove all rubbish, debris etc. from the site and the land allotted to the contractor the SBIIMS Pvt. Ltd. and shall clear, level and dress, compact the site as required by the SBIIMS Pvt. Ltd.

d) Shall put the SBIIMS Pvt. Ltd. in undisputed custody and possession of the site and all land allot by the SBIIMS Pvt. Ltd.

e) Shall hand over the work in a peaceful manner to the SBIIMS Pvt. Ltd.

f) All defects / imperfections have been attended and rectified as pointed out by the Architects to the full satisfaction of SBIIMS Pvt. Ltd.

Upon the satisfactory fulfillment by the contractor as stated above, the contractor is entitled to apply to the Architect / consultant is satisfied of the completion of work. Relative to which the completion certificate has been sought, the Architect/ consultant shall within fourteen (14) days of the receipt of the application for completion certificate, issue a VCC in respect of the work for which the VCC has applied.

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This issuance of a VCC shall not be without prejudice to the SBIIMS’s rights and contractor liabilities under the contract including the contractor’s liability for defects liability nor shall the issuance of VCC in respect of the works or work at any site be construction as a waiver of any right or claim of the SBIIMS Pvt. Ltd. against the contractor in respect of or work at the site and in respect of which the VCC has been issued.

24.0 Work by other agencies

The SBIIMS Pvt. Ltd. / Architect / consultant reserves the rights to use premises and any portion the site for execution of any work not included in the scope of this contract with may desire to have carried out by other persons simultaneously and the contractor shall not only allow but also extend reasonable facilities for the execution of such work. The contractor however shall not be required to provide any plant or material for the execution of such work except by special arrangement with the SBI. Such work shall be carried out in such manner as not to impede the progress of the works included in the contract.

25.0 Insurance of works

25.1 Without limiting his obligations and responsibilities under the contract the contractor shall insure in the joint names of the SBIIMS Pvt. Ltd. and the contractor against all loss of damages from whatever cause arising other than the excepted risks, for which he is responsible under the terms of contract and in such a manner that the SBIIMS Pvt. Ltd. and contractor are covered for the period stipulated I clause of GCC and are also covered during the period of maintenance for loss or damage arising from a cause, occurring prior to the commencement of the period of maintenance and for any loss or damage occasioned by the contractor in the course of any operations carried out by him for the purpose of complying with his obligations under clause.

a) The Works for the time being executed to the estimated current Contract value thereof, or such additional sum as may be specified together with the materials for incorporation in the works at their replacement value.

b) The constructional plant and other things brought on to the site by the contractor to the replacement value of such constructional plant and other things.

c) Such insurance shall be effected with an insurer and in terms approved by the SBIIMS Pvt. Ltd. which approval shall not be unreasonably withheld and the contractor shall whenever required produce to the Architect / consultant the policy if insurance and the receipts for payment of the current premiums.

25.2 Damage to persons and property

The contractor shall, except if and so far as the contract provides otherwise indemnify the SBI against all losses and claims in respect of injuries or damages to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution and maintenance of the works and against all claims proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto except any compensation of damages for or with respect to:

a) The permanent use or occupation of land by or any part thereof.

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b) The right of SBIIMS Pvt. Ltd. to execute the works or any part thereof on, over, under, in or through any lands.

c) Injuries or damages to persons or properties which are unavoidable result of the execution or maintenance of the works in accordance with the contract

d) Injuries or damage to persons or property resulting from any act or neglect of the SBIIMS Pvt. Ltd. their agents, employees or other contractors not being employed by the contractor or for or in respect of any claims, proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the contractor, his servants or agents such part of the compensation as may be just and equitable having regard to the extent of the responsibility of the SBIIMS Pvt. Ltd., their employees, or agents or other employees, or agents or other contractors for the damage or injury.

25.3 Contractor to indemnify SBIIMS Pvt. Ltd.

The contractor shall indemnify the SBIIMS Pvt. Ltd. against all claims, proceedings, damages, costs, charges and expenses in respect of the matters referred to in the provision sub-clause 25.2 of this clause.

25.4 Contractor’s superintendence

The contractor shall fully indemnify and keep indemnified the SBIIMS Pvt. Ltd. against any action, claim, or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claim made under or action brought against SBIIMS Pvt. Ltd. in respect of such matters as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expenses to settle any dispute or to conduct any litigation that may arise there from, provided that the contractor shall not be liable to indemnify the SBIIMS Pvt. Ltd. if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Architect / consultant in this behalf.

25.5 Third Party Insurance

25.5.1 Before commencing the execution of the work the contractor but without limiting his obligations and responsibilities under clause 24.0 of GCC shall insure against his liability for any material or physical damage, loss, or injury which may occur to any property including that of SBIIMS Pvt. Ltd., or to any person, including any employee of the SBIIMS Pvt. Ltd., by or arising out of the execution of the works or in the carrying out of the contract, otherwise than due to the matters referred to in the provision to clause 24.0 thereof.

25.5.2 Minimum amount of Third Party Insurance

Such insurance shall be affected with an insurer and in terms approved by the SBIIMS Pvt. Ltd. which approval shall not be reasonably withheld and for at least the amount

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stated below. The contractor shall, whenever required, produce to the Architect / consultant the policy or policies of insurance cover and receipts for payment of the current premiums.

25.6 The minimum insurance cover for physical property, injury, and death is Rs.5 Lakh per occurrence with the number of occurrences limited to four. After each occurrence contractor will pay additional premium necessary to make insurance valid for four occurrences always.

25.7 **Accident or Injury to workman:**

25.7.1 The SBIIMS Pvt. Ltd. shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the contractor or any sub-contractor, save and except an accident or injury resulting from any act or default of the SBIIMS Pvt. Ltd. or their agents, or employees. The contractor shall indemnify and keep indemnified SBIIMS Pvt. Ltd. against all such damages and compensation, save and except as aforesaid, and against all claims, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation thereto.

25.7.2 **Insurance against accidents etc. to workmen**

The contractor shall insure against such liability with an insurer approved by the SBIIMS Pvt. Ltd. during the whole of the time that any persons are employed by him on the works and shall, when required, produce to the architect / consultant such policy of insurance and receipt for payment of the current premium. Provided always that, in respect of any persons employed by any sub-contractor the contractor's obligation to insured as aforesaid under this sub-clause shall be satisfied if the sub-contractor shall have insured against the liability in respect of such persons in such manner that SBIIMS Pvt. Ltd. is indemnified under the policy but the contractor shall require such sub-contractor to produce to the Architect /consultant when such policy of insurance and the receipt for the payment of the current premium.

25.7.3 **Remedy on contractor's failure to insure**

If the contractor fails to effect and keep in force the insurance referred to above or any other insurance which he may be required to effect under the terms of contract, then and in any such case the SBIIMS Pvt. Ltd. may effect and keep in force any such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount so paid by the SBIIMS Pvt. Ltd. as aforesaid from any amount due or whichmay become due to the contractor, or recover the same as debt from the contractor.

25.7.4 Without prejudice to the others rights of the SBIIMS Pvt. Ltd. against contractors. In respect of such default, the employer shall be entitled to deduct from any sums payable to the contractor the amount of any damages costs, charges, and other expenses paid by the SBIIMS Pvt. Ltd. and which are payable by the contractors under this clause. The contractor shall upon settlement by the Insurer of any claim made against the insurer pursuant to a policy taken under this clause, proceed with due diligence to rebuild or repair the works destroyed or damaged. In this event all the monies received from the Insurer in respect of such damage shall be paid to the contractor and the Contractor shall not be entitled to any further payment in respect of

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the expenditure incurred for rebuilding or repairing of the materials or goods destroyed or damaged.

26.0 **Commencement of Works:**

The date of commencement of the work will be reckoned as the date, fifteen days from the date of award of letter by the SBIIMS Pvt. Ltd.

27.0 **Time for completion**

Time is essence of the contract and shall be strictly observed by the contractor. The entire work shall be completed within a period of **05 calendar months** from the date of commencement. If required in the contract or as directed by the Architect / consultant. The contractor shall complete certain portions of work before completion of the entire work. However, the completion date shall be reckoned as the date by which the whole work is completed as per the terms of the contract.

28.0 **Extension of time**

If, in the opinion of the Architect/consultant, the work be delayed for reasons beyond the control of the contractor, the Architect/consultant may submit a recommendation to the SBIIMS Pvt. Ltd. to grant a fair and reasonable extension of time for completion of work as per the terms of contract. If the contractor needs an extension of time for the completion of work or if the completion of work is likely to be delayed for any reasons beyond the due date of completion as stipulated in the contract, the contractor shall apply to the SBIIMS Pvt. Ltd. through the Architect’ Consultant in writing at least 30 Days before the expiry of the scheduled time and while applying for extension of time he shall furnish the reason in detail and his justification if any, for the delays. The architect/consultant shall submit their recommendations to the SBIIMS Pvt. Ltd. in the prescribed format for granting extension of time. While granting extension of time the contractor shall be informed the period extended time which will qualify for levy of liquidated damages. For the balance period in excess of original stipulated period and duly sanctioned extension of time by the provision of liquidated damages as stated under clause 10.0 shall become applicable. Further the contract shall remain in force even for the period beyond the due date of completion irrespective whether the extension is granted or not.

29.0 **Rate of progress**

Whole of the materials, plant and labour to be provided by the contractor and the mode, manner and speed of execution and maintenance of the works are to be of a kind and conducted in a manner to the satisfaction of the Architect / consultant should the rate of progress of the work or any part thereof be at any time be in the opinion the. Architect / consultant too Slow to ensure the completion of the whole of the work the prescribed time or extended time for completion the Architect / consultant shall thereupon take such steps as considered necessary by the Architect / consultant to expedite progress so as to complete the works by the prescribed time or extended time. Such communications from the Architect / consultant neither shall relieve. The contractor from fulfilling obligations under the contract nor he will be entitled to raise any claims arising out of such directions.

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30.0 Work during nights and holidays

Subject to any provision to the contrary contained in the contract no permanent work shall save as herein provided be carried on during the night or on holidays without the permission in writing of the Architect / consultant, save when the work is unavoidable or absolutely necessary for the saving of life or property or for the safety of the work in which case the contractor shall immediately advise the Architect / consultant. However the provisions of the clause shall not be applicable in the case of any work which becomes essential to carry by rotary or double shifts in order to achieve the progress and quality of the part of the works being technically required / continued with the prior approval of the Architect / consultant at no extra cost to the SBIIMS Pvt. Ltd..

All work at night after obtaining approval from competent authorities shall be carried out without unreasonable noise and disturbance.

31.0 No compensation or restrictions of work

If at any time after acceptance of the tender SBIIMS Pvt. Ltd. shall decide to abandon or reduce the scope of work for any reason whatsoever and hence not required the whole or any part of the work to be carried out. The Architect / consultant shall give notice in writing to that effect to the contractor and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise what so ever on account of any profit or advantage which he might have derived from the execution of the Work fully but which he did not derive in consequence of the foreclosure of the whole or part of the work.

Provided that the contractor shall be paid the charges on the cartage only of materials actually and bonafide brought to the site of the work by the contractor and rendered surplus as a result of the abandonment, curtailment of the work or any portion thereof and then taken back by the contractor, provided however that the Architect / Consultant shall have in such cases the option of taking over all or any such materials at their purchase price or a local current rate whichever is less.

“In case of such stores having been issued from SBIIMS Pvt. Ltd. stores and returned by the contractor to stores, credit shall be given to him at the rates not exceeding those at which were originally issued to the contractor after taking into consideration and deduction for claims on account of any deterioration or damage while in the custody of the contractor and in this respect the decision of Architect / consultant shall be final.

32.0 Suspension of work

i) The contractor shall, on receipt of the order in writing of the Architect / consultant (whose decision shall be final and binding on the contractor) suspend the progress of works or any part thereof for such time and in such manner as Architect / consultant may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof for any of following reasons:

a) On account any default on the part of the contractor, or

b) For proper execution of the works or part thereof for reasons other than the default the contractor, or

c) For safety of the works or part thereof.

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The contractor shall, during such suspension, properly protect and secure the works
the extent necessary and carry out the instructions given in that behalf by the Architect
/ consultant.

i) If the suspension is ordered for reasons (b) and (c) in sub-para (i) above:
The contractor shall be entitled to an extension of time equal to the period of every
such suspension. No compensation whatsoever shall be paid on this account.

33 Action when the whole security deposit is forfeited

In any case in which under any clause or clauses of this contract, the Contractor shall
have rendered himself liable to pay compensation amounting to the whole of his
security deposit the Architect / consultant shall have the power to adopt any of the
following course as they may deem best suited to the interest of the SBIIMS Pvt. Ltd.:

a) To rescind the contract (of which rescission notice in writing to the contractor by -
Architect / consultant shall be conclusive evidence) and in which case the security,
deposit of the contractor shall be forfeited and be absolutely at the disposal of SBIIMS
Pvt. Ltd..

b) To employ labour paid by the SBIIMS Pvt. Ltd. and to supply materials to carry out the
work, or part of the work, debiting the contractor with the cost of the labour and
materials cost of such labour and materials as worked out by the Architect/consultant
shall final and conclusive against the contractor) and crediting him with the value of the
work done, in all respects in the same manner and at the same manner and at the
same rates as if it had been carried out by the contractor under the terms of this
contract certificate of architect /consultant as to the value of work done shall be final
conclusive against the contractor.

c) To measure up the work of the contractor, and to take such part thereof as shall
unexecuted, out of his hands, and to give it to another contractor to complete in which
case any expenses which may be incurred in excess of the sum which would have
been paid to the original contractor, if the whole work had been executed by him ( The
amount of which excess the certificates in writing of the Architects / consultant shall
final and conclusive) shall be borne by original contractor and may be deducted f any
money due to him by SBIIMS Pvt. Ltd. under the contract or otherwise, or from his
security deposit or the proceeds of sale thereof, or sufficient part thereof.

In the event of any of above courses being adopted by the SBIIMS Pvt. Ltd. the
contractor shall have no claim to compensation for any loss sustained by him by
reasons of his having purchased or procured any material or entered into any
engagements or make any advances on account of, or with a view to the execution of
the work or the performance of the contract and in case the contract shall be rescind
under the provision aforesaid, the contractor shall not be entitled to recover or to be
paid any sum or any work thereto for actually performed under this contract, unless,
and until the Architect / consultant will have certified in writing the performance of such
work and the value payable in respect thereof, and he shall only be entitled to be paid
the value so certified.

34.0 Owner’s right to terminate the contract

If the contractor being an individual or a firm commit any ‘Act of insolvency’ or shall be
adjusted an insolvent or being an incorporated company shall have an order for

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compulsory winding up voluntarily or subject to the supervision of Govt. and of the Official Assignee of the liquidator in such acts of insolvency or winding up shall be unable within seven days after notice to him to do so, to show to the reasonable satisfaction of the Architect / Consultant that he is able to carry out and fulfill the contract, and to dye security therefore if so required by the Architect / Consultant.

Or if the contractor (whether an individual firm or incorporated Company) shall suffer execution to be issued or shall suffer any payment under this contract to be attached by or on behalf of any of the creditors of the contractor.

Or shall assign or sublet this contract without the consent in writing of the SBIIMS Pvt. Ltd. through the Architect/Consultant or shall charge or encumber this contract or any payment due to which may become due to the contractor there under:

a) has abandoned the contract; or
b) has failed to commence the works, or has without any lawful excuse under these conditions suspended the progress of the works for 14 days after receiving from the SBIIMS Pvt. Ltd. through the Architect / consultant written notice to proceed, or

c) has failed to proceed with the works with such diligence and failed to make such due progress as would enable the works to be completed within the time agreed upon, or has failed to remove the materials from the site or to pull down and replace work within seven days after written notice from the SBIIMS Pvt. Ltd. through the Architect / Consultant that the said materials were condemned and rejected by the Architect/consultant under these conditions; or 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 contactor for seven days after written notice shall have been given to the contractor to observe or perform the same or has to the detriment of good workmanship or in defiance of the SBIIMS Pvt. Ltd. or Architect’s / consultant’s instructions to the contrary subject any part of the contract. Then and in any of said cases the SBIIMS Pvt. Ltd. and or the Architect / consultant, may not withstanding any previous waiver, after giving seven days’ notice in writing to the contractor, determine the contract, but without thereby affecting the powers of the SBIIMS Pvt. Ltd. or the Architect / consultant or the obligation and liabilities of the contractor the whole of which shall continue in force as fully as if the contract had not been determined and as if the works subsequently had been executed by or on behalf of the contractor. And, further the SBIIMS Pvt. Ltd. through the Architect / consultant their agents or employees may enter upon and take possession of the work and all plants, took scaffoldings, materials, sheds, machineries lying upon the premises or on the adjoining lands or roads use the same by means of their own employees or workmen in carrying on and completing the work or by engaging any other contractors or persons to the work and the contractor shall not in any was interrupt or do any act, matter or thing to prevent or hinder such other contractor or other persons employed for complement and finishing or using the materials and plant for the works.

When the works shall be completed or as soon thereafter as convenient the SBIIMS Pvt. Ltd. or architect / consultant shall give a notice in writing to the contractor to remove his surplus materials and plants and should the contractor fail to do so within 14 days after receive thereof by him the SBIIMS Pvt. Ltd. sell the same by publication, and after due publication, and shall, adjust the amount realized by such auction. The contractor shall have no right to question any of the act of the SBIIMS Pvt. Ltd. incidental to the sale of the materials etc.

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35.0 **Certificate of payment**

The contractor shall be entitled under the certificates to be issued by the Architect / consultant to the contractor within 10 working days from the date of certificate to payment from SBIIMS Pvt. Ltd. from time to time. The SBIIMS Pvt. Ltd. shall recover the statutory recovering other dues including the retention amount from the certificate of payment.

Provided always that the issue of any certificate by the Architect / consultant during progress of works or completion shall not have effect as certificate of satisfaction relieve the contractor from his liability under clause.

The Architect / consultant shall have power to withhold the certificate if the work or in part thereof is not carried out to their satisfaction.

The Architect / consultant may by any certificate make any corrections required previous certificate.

The SBIIMS Pvt. Ltd. shall modify the certificate of payment as issued by the architect / consultant from time to time while making the payment.

The contractor shall submit interim bills only after taking actual measurements and properly recorded in the M books.

The Contractor shall not submit interim bills when the approximate value of work done by him is less than Rs.5,00,000 Lakh.

The final bill may be submitted by contractor within a period of one month from the date of virtual completion and Architect / consultant shall issue the certificate of payment within a period of two months. The SBIIMS Pvt. Ltd. shall pay the amount within a period of three months from the date of issue of certificate provided there is no dispute in respect of rates and quantities.

The contractor shall submit the interim bills in the prescribed format with all details.

36.0 **A. Settlement of Disputes and Arbitration**

Except where otherwise provided in the contract all questions and disputes to the meaning of the specifications, design, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings specifications, estimates, instructions orders or these conditions or otherwise concerning the work or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:

If the contractor considers that he is entitled to any extra payment or compensation in respect of the works over and above the amounts admitted as payable by the Architect or in case the contractor wants to dispute the validity of any deductions or recoveries made or proposed to be made from the contract or raise any dispute, the contractor shall forthwith give notice in writing of his claim, or dispute to The V.P. & Circle Head, State Bank of India Infra

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Management & Solutions Pvt. Ltd., Mezzanine Floor, State Bank of India, Local Head Office, Hoshangabad Road, Bhopal 462011

i) And endorse a copy of the same to the Architect, within 30 days from the date of disallowance thereof or the date of deduction or recovery. The said notice shall give full particulars of the claim, grounds on which it is based and detailed calculations of the amount claimed and the contractor shall not be entitled to raise any claim nor shall the SBIIMS Pvt. Ltd be in any way liable in respect of any claim by the contractor unless notice of such claim shall have been given by the contractor to the M.D. & C.E.O. SBIIMS Pvt. Ltd., Head Office in the manner and within the time as aforesaid. The Contractor shall be deemed to have waived and extinguished all his rights in respect of any claim not notified to the M.D. & C.E.O. SBIIMS Pvt. Ltd., Head Office in writing in the manner and within the time aforesaid.

B. Settlement of Disputes and Arbitration

The M.D. & C.E.O. SBIIMS Pvt. Ltd., Head Office shall give his decision in writing on the claims notified by the receipt of the contractor may within 30 days of the receipt of the decision of the M.D. & C.E.O. SBIIMS Pvt. Ltd., Head Office/ Submit his claims to the conciliating authority namely The V.P. & Circle Head, State Bank of India Infra Management & Solutions Pvt. Ltd., Mezzanine Floor, State Bank of India, Local Head Office, Hoshangabad Road, Bhopal 462011. For conciliation along with all details and copies of correspondence exchanged between him and the SBIIMS Pvt. Ltd.

iii) If the conciliation proceedings are terminated without settlement of the disputes, the contractor shall, within a period of 30 days of termination thereof shall give a notice to the concerned M.D. & C.E.O. of the SBIIMS Pvt. Ltd. for appointment of an arbitrator to adjudicate the notified claims falling which the claims of the contractor shall be deemed to have been considered absolutely barred and waived.

iv) Except where the decision has become final, binding and conclusive in terms of the contract, all disputes or differences arising out of the notified claims of the contractor as aforesaid and all claims of the SBIIMS Pvt. Ltd shall be referred for adjudication through arbitration by the Sole Arbitrator appointed by the M.D. & C.E.O. and who will be of Deputy General Manager rank. It will also be no objection to any such appointment that the Arbitrator so appointed is a SBIIMS Pvt. Ltd., Officer and that he had to deal with the matters to which the Contract relates in the course of his duties as SBIIMS Pvt. Ltd., Officer. If the arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another sole arbitrator shall be appointed in the manner aforesaid by the said M.D. & C.E.O. of the SBIIMS Pvt. Ltd. Such person shall be entitled to proceed with the reference from the stage at which it was let by his predecessor.

It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each dispute along with the notice for appointment of arbitrator.

It is also a term of this contract that no person other than a person appointed by such Chief General Manager as aforesaid should act as arbitrator.

The conciliation and arbitration shall be conducted in accordance with the provisions of the Arbitration & Conciliation Act 1996 or any or any accordance modification or reenactment thereof and the rules made thereunder.

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It is also a term of the contract that if any fees are payable to the Arbitrator these shall be paid equally by both the parties. However, no fees will be payable to the arbitrator if he is a SBIIMS Pvt. Ltd. Officer.

It is also a term of the contract that the Arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any of the arbitrators shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The Cost of the reference and of the award (including the fees, if any of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and din what manner, such costs or any part thereof, shall be paid and fix or settle the amount of costs to be so paid.

37.0 Water supply

The contractor shall make his own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following condition.

i) That the water used by the contractor shall be fit for construction purposes to the satisfaction of the Architect / consultant’s.

ii) The contractor shall make alternative arrangements for the supply of water if the arrangement made by the contractor for procurement of water in the opinion of the Architect / consultant is unsatisfactory.

iii) In case contractor is permitted to use SBIIMS’s source of water i.e. Municipal connection, Bore well (existing or new) etc., the SBIIMS Pvt. Ltd may consider recovering @1% of contract amount form the final bill of contractor.

37.1 The contractor shall construct temporary well / tube well in SBIIMS Pvt. Ltd land for taking water for construction purposes only after obtaining permission in writing from the SBIIMS Pvt. Ltd. The contractor has to make his own arrangements for drawing and distributing the water at his own cost. He has to make necessary arrangements. To avoid any accidents or damages caused due to construction and subsequent maintenance of the wells. He has to obtain necessary approvals from local authorities, if required, at his own cost. He shall restore the ground to its original condition after wells are dismantled on completion of work or hand over the well to the SBIIMS Pvt. Ltd. without any compensation as directed by the architect / consultant.

38.0 Power supply

The contractor shall make his own arrangements for power and supply / distribution system for driving plant or machinery for the work and for lighting purpose at his own cost. The cost of running and maintenance of the plants are to be included in his tender prices, He shall pay all fees and charges required, by the power supply and include the same in his tendered rates and hold the owner free from all such costs. He has to obtain necessary approval from the appropriate authorities, if required.

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39.0 **Treasure trove etc.**

Any treasure trove, coin or object antique which may be found on the site shall be the property of SBIIMS Pvt. Ltd. and shall be handed over to the bank immediately.

40.0 **Method of measurement**

Unless otherwise mentioned in the schedule of quantities or in mode of measurement, the measurement will be on the net quantities or work produced in accordance with up to date rules laid down by the Bureau of Indian Standards. In the event any dispute / disagreement the decision of the Architect / consultant shall be final and binding on the corrector.

41.0 **Maintenance of registers**

The contractor shall maintain the following registers as per the enclosed perform at site of work and should produce the same for inspection of SBIIMS Pvt. Ltd/Architect / consultant whenever desired by them. The contractor shall also maintain the records / registers as required by the local authorities / Govt. from time to time.

i) Register for secured advance  
ii) Register for hindrance to work  
iii) Register for running account bill  
iv) Register for labour

42.0 **Force Majeure**

42.1 Neither contractor nor SBIIMS Pvt. Ltd. shall be considered in default in performance of the obligations if such performance is prevented or delayed by events such as but not war, hostilities revolution, riots, civil commotion, strikes, lockout, conflagrations, epidemics, accidents, fire, storms, floods, droughts, earthquakes or ordinances or any act of or for any other cause beyond the reasonable control of the party affected or prevents or delayed. However a notice is required to be given within 30 days from the happening of the event with complete details, to the other party to the contract, if it is not possible to serve a notice, within the shortest possible period without delay.

42.2 As soon as the cause of force majeure has been removed the party whose ability perform its obligations has been affected, shall notify the other of such cessation and the actual delay incurred in such affected activity adducing necessary evidence in support thereof.

42.3 From the date of occurrence of a case of force majeure obligations of the party affected shall be suspended during the continuance of any inability so caused. With the caused itself and inability resulting there from having been removed, the agreed time completion of the respective obligations under this agreement shall stand extended a period equal to the period of delay occasioned by such events.

42.4 Should one or both parties be prevented from fulfilling the contractual obligations by state of force majeure lasting to a period of 6 months or wore the two parties, shall each other to decide regarding the future execution of this agreement.

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43.0 **Local laws, Acts Regulations:**

The contractor shall strictly adhere to all prevailing labour laws inclusive at contract labour (regulation and abolition act of 1970) and other safety regulations. The contractors should comply with the provision of all labour legislation including the latest requirements of the Acts, laws, any other regulations that are applicable to the execution of the project.

i) Minimum wages Act 1948 (Amended)
ii) Payment of wages Act 1936 (Amended)
iii) Workmen’s compensation Act 1923 (Amended)
v) Apprentice act 1961 (amended)
vi) Industrial employment (standing order) Act 1946 (Amended)
vii) Personal injuries (Compensation insurance) act 1 963 and any other modifications
viii) Employees’ provident fund and miscellaneous provisions Act 1952 and amendment thereof
ix) Shop and establishment act
x) Any other act or enactment relating thereto and rules framed there under from time to time.
xi) Prevailing Indian Electricity rules & act.

44.0 **Accidents**

The contractor shall immediately on occurrence of any accident at or about the site or in connection with the execution of the work report such accident to the architect / consultant. The contractor shall also such report immediately to the competent authority whenever such report is required to be lodged by the law and take appropriate actions thereof.

**SPECIAL CONDITION OF CONTRACT**

**Scope of work**

1.0 The scope of work is to carry out for Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur

2.0 **Address of site**

Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur

3.0 **Dimensions and levels**

All dimensions and levels shown on the drawings shall be verified by the contractor and the site and he will be held responsible for the accuracy and maintenance of. All the dimensions and the levels. Figured dimensions are in all cases to be accepted and dimension shall be scaled. Large scale details shall take precedence over small scale drawings. In case of discrepancy the contractor shall ask for clarification from the Architect / consultant before proceeding with the work.

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04 Notice of operation

The contractor shall not carry out any important operation without the Consent in with from the Architect / consultant:

5.0 Construction records

The contractor shall keep and provide to the Architect / consultant full and accurate records of the dimensions and positions of all new work and any other information necessary to prepare complete drawings recording details of the work as construction.

6.0 Safety of adjacent structures and trees

The contractor shall provide and erect to the approval of the Architect / consultant supports as may be required to protect effectively all structures and protective give to trees, which may be endangered by the execution of the works or otherwise such permanent measures as may be required by the Architect to protect the tree structures.

7.0 Temporary works.

Before any temporary works are commenced the contractor shall submit at least in advance to the architect / consultant for approval complete drawings of all temporary works he may require for the execution of the works. The contractor shall carry out the modifications relating to strength, if required by the architect / consultant may require in accordance with the conditions of contract at his own cost. The contractor shall be solely responsible for the stability and safety of all temporary works and unfinished works and for the quality of the permanent works resulting from the arrangement eventually adopted for their execution.

8.0 Water power and other facilities

a) The rate quoted by the contractor shall include all expenses that are required for providing all the water required for the work and the contractor shall make his own arrangements for the supply of good quality water suitable for the construction and good quality drinking water for their workers. If necessary the contractor has to sink a tube well / open well and bring water by means of tankers at his own cost for the purpose. The SBIIMS Pvt. Ltd. will not be liable to pay any charges in connection with the above.

b) The rate quoted in the tender shall include the expenses for obtaining and maintaining power connections and shall pay for the consumption charges

c) The contractors for other trades directly appointed by the SBIIMS Pvt. Ltd. shall be entitled to take power and water connections from the temporary water and power supply obtained by the contractor. However, the concerned contractor shall make their own arrangements to draw the supply and pay directly the actual consumption charges at mutually agreed rates between them. All municipal charges for drainage and water connection for construction purposes shall be borne by the contractor and charges payable for permanent connections, if any, shall be initially paid by the contractor and the SBIIMS Pvt. Ltd. will reimburse the amount on production of receipts.

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d) The SBIIMS Pvt. Ltd. as well as the Architect / consultant shall give all possible assistance to the Contractor's to obtain the requisite permission from the various authorities, but the responsibility for obtaining the same in time shall be of the contractor.

9.0 Facilities for contractor's employees

The contractor shall make his own arrangement for the housing and welfare of his staff and workmen including adequate drinking water facilities. The contractor shall also make the arrangements at his own cost for transport where necessary for his staff and workmen to and from site of work at his own cost.

10.0 Lighting of works

The contractor shall at all times provide adequate and approved lighting as required for the proper execution and supervision and inspection of work.

11.0 Firefighting arrangements

i) The contractor shall provide suitable arrangement for firefighting at his own cost. This purpose he shall provide requisite number of fire extinguishers and adequate number of buckets, some of which are to be always kept filled with sand and some with water. These equipment shall be provided at suitable prominent and easily accessible place and shall be properly maintained.

ii) Any deficiency in the fire safety or unsafe conditions shall be corrected by the contractor at his own cost and, to the approval of the relevant authorities. The contractor make the following arrangements at his own cost but not limited the following:

a) Proper handling, storage and disposal of combustible materials and waste.
b) Work operations which can create fire hazards.
c) Access for fire-fighting equipments.
d) Type, number and location of containers for the removal of surplus materials and rubbish.
e) Type, size, number and location of fire extinguishers or other fire fighting equipment.
f) General housekeeping

12.0 Site order book

A site order book shall be maintained at site for the purpose of quick communication between the Architect / Consultant. Any communication relating to the work may be conveyed through records in the site order book. Such a communication from one party to the other shall be deemed to have been adequately served in terms of contract. Each site order book shall have machine numbered pages in triplicate and shall carefully maintained and preserved by the contractor and shall be made available to the architect / consultant as and when demanded. Any instruction which the architect / consultant may like to issue to the contractor or the contractor may like to bring to the architect / consultant two copies of such instructions shall be taken from the site order book and one copy will be handed over to the party against proper acknowledgment and the second copy will be retained for their record.

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13.0 **Temporary fencing/ barricading**

The contractor shall provide and maintain a suitable temporary fencing / barricading and gates at his cost to adequately enclose all boundaries of the site for the protection of the public and for the proper execution and security of the work and in accordance with the requirement of the architect I consultant and regulations of local authorities. These shall be altered, relocated and adopted from time to time as necessary and removed on completion of the work.

14.0 **Site meetings**

Site meetings will be held to review the progress and quality evaluation. The contractor shall depute a senior representative along with the site representative and other staff of approved sub-contractors and suppliers as required to the site meetings and ensure all follow up actions. Any additional review meetings shall be held if required by the architect/ consultant. -

15.0 **Disposal of refuse**

The contractor shall cart away all debris, refuse etc. arising from the work from the site and deposit the same as directed by the architect / consultant at his own cost. It is the responsibility of the contractor to obtain from the local authorities concerned to the effect that all rubbish arising out of contractor's activities at the construction site or any other off-site activities borrow pits has been properly disposed off.

16.0 **Contractor to verify site measurement**

The contractor shall check and verify all site measurements whenever requested other specialists contractors or other sub-contractors to enable them to prepare the own shop drawing and pass on the information with sufficient promptness as will in any way delay the works.

17.0 **Displaying the name of the work**

The contractor shall put up a name board of suitable size as directed by the architect/ consultant indicating therein the name of the project and other details as given by the architect/consultant at his own cost and remove the same on completion of work.

18.0 **As built drawings**

i) For the drawings issued to the contractor by the Architect / Consultant. The architect Consultant will issue two sets of drawings to the Contractor for the items for some changes have been made. From the approved drawings as instructed by the SBIIMS Pvt. Ltd. / Architect / Consultant. The contractor will make the changes made on these copies and return these copies to the architect / Consultant for their approval. In cases revision is required or the corrections are not properly marked the architect / Consultant will point out the discrepancies to the contractor. The contractor will have to incorporated these corrections and / or attend to discrepancies either on copies as directed by the architect / consultant and resubmit to him for approval. The architect / consultant will return one copy duly approved by him.

ii) For the drawings prepared by the contractor

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The contractor will modify the drawing prepared by him wherever the changes made by the SBIIMS Pvt. Ltd. / Architect / consultant. And submit two copies of such modified drawings to the architect/ consultant for approval. The architect / consultant will return one copy of the approved drawing to the contractor.

19.0 Approved make
The contractor shall provide all materials from the list of approved makes at his own cost and also appoint the specialized agency for the waterproofing anti-termite, aluminum doors and windows and any other item as specified in the tender. The architect/consultant may approve any make / agency within the approved list as given in the tender after inspection of the sample/mock up.

20.0 Procurement of materials
The contractor shall make his own arrangements to procure all the required materials for the work. All wastages and losses in weight shall be to the contractors account.

21.0 Excise duty, taxes, levies etc.;
The contractor shall pay and be responsible for payment of all taxes, duties, levies, royalties, fees, cess or charges in respect of the works including but not limited to sales tax, tax on works contract excise duty, and octroi, payable in respect of materials, equipment plant and other things required for the contact. All of the aforesaid taxes, duties, levies, fees and charges shall be to the contractor’s account and the SBIIMS Pvt. Ltd. shall not be required to pay any additional or extra amount on this account. Variation of taxes, duties, fees, levies etc. if any, till completion of work shall be deemed to be included in the quoted rates and no extra amount on this account. Variation of taxes, duties, fees, levies etc. if any, till completion of work shall be deemed to be included in the quoted rates and no extra claim on this account will in any case be entertained. If a new tax or duty or levy or cess or royalty or octroi is imposed under as statutory law during the currency of contract the same shall be borne by the contractor.

22.0 Acceptance of tender
The SBIIMS Pvt. Ltd. shall have the right to reject any or all tenders without assigning any reason. They are not to bind to accept the lowest or any tender and the tenderer or tenderers shall have no right to question the acts of the SBIIMS Pvt. Ltd. However adequate transparency would be maintained by the SBIIMS Pvt. Ltd.

23.0 Photographs:
- At the time of submission of final bill, contractor must submit the photograph of the premises inside the Banking Hall(minimum all four sides, BM cabin, E-lobby, Main Panel, DBs), front elevation from outside the premises in Hardcopy and in soft copy both in High Definition only.
- The Contractor shall at his own expense supply to the Architects with duplicate hard copies of large photographs not less than 25 cm. x 20 cm. (10” x 8") of the works, taken from two approved portions of each building, at intervals of not more than one months during the progress of the work or at every important stage of construction.

Signature of Contractor with Seal
In addition to above, the contractor shall be bound to submit adequate no. of site photographs along with their each Running Bill for the project clearing showing major progress of work measured and claimed therein failing which the Architect/ SBIIMS Pvt. Ltd. may consider returning the Bill to the contractor and no claim for delay on this account will be entertained.

SAFETY CODE

1. First aid appliances including adequate supply of sterilized dressing and cotton wool shall be kept in a readily accessible place.

2. An injured person shall be taken to a public hospital without loss of time, in cases when the injury necessitates hospitalization.

3. Suitable and strong scaffolds should be provided for workmen for all works that cannot safely be done from the ground.

4. No portable single ladder shall be over 8 meters in length. The width between the side rails shall not be less than 30 cm. (clear) and the distance between two adjacent runnings shall not be more than 30 cm. When a ladder is used an extra mazdoor shall be engaged for holding ladder.

5. The excavated material shall not be placed within 1.5 meters of the edge of the trench half of the depth of trench whichever is more. All trenches and excavations shall be provided with necessary fencing and lighting.

6. Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be one meter.

7. No floor, roof or other part of the structure shall be so overloaded with debris or material as to render it unsafe.

8. Workers employed on mixing and handling material such as asphalt, cement, mortar, concrete and lime shall be provided with protective footwear and rubber hand gloves.

9. Those engaged in welding works shall be provided with welders’ protective eye shield and gloves.

10. (i) No paint containing lead or lead products shall be used except in the form of paste readymade paint.
    (ii) Suitable facemasks should be supplied for use by the workers when the paint applied in the form of spray or surface having lead paint dry rubbed and scrapped.

11. Overalls shall be supplied by the contractor to the painters and adequate facilities shall be provided to enable the working painters to wash during cessation of work.

12. Hoisting machines and tackle used in the works including their attachments anchor and supports shall be in perfect condition.

13. The ropes used in hoisting or lowering material or as a means of suspension shall be durable quality and adequate strength and free from defects.

Signature of Contractor with Seal
APPENDIX HEREINBEFORE REFERRED TO

1) Name of the organization Offering Contract:
   The V.P. & Circle Head, State Bank of India Infra Management & Solutions Pvt. Ltd., Mezzanine Floor, State Bank of India, Local Head Local Head Office, Hoshangabad Road, Bhopal 462011

2) Consultants:
   M/s. N.V.Bhale & Associates, Indore

3) Site Address:
   Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur

4) Scope of Work:
   Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur For State Bank of India.

5) Name of the Contractor:
   -----------------------------------
   -----------------------------------
   -----------------------------------

6) Address of the Contractor:
   -----------------------------------
   -----------------------------------
   -----------------------------------

7) Period of Completion:
   5 (five) months from the date of Commencement

8) Earnest Money Deposit:
   Rs. 30000/- (Rupees Thirty Thousand only) by means of Demand Draft / Pay Order (Valid for a period of 180 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn in favour of SBI Infra Management Solutions Pvt. Ltd. and payable in Bhopal.

9) Retention Money:
   As per clause no. 11(a) of general Conditions

10) Defects Liability Period:
    Twelve Months from the date of Virtual Completion.

11) Insurance to be undertaken by the Contractor at his cost:
    125% of Contract Value (Contractor’s all risk policy)

12) Liquidated damages:
    0.5% of the Contract amount shown

Signature of Contractor with Seal
13) Value of Interim Bill (Min.) : Rs. 5 Lakhs.

14) Date of Commencement : 14 days from the date of acceptance letter is issued to the Contractor/ or the day on which the Contractor is instructed to take possession of the site whichever is earlier.

15) Period of Final Measurement : 3 Months from the date of Virtual Completion.

16) Initial Security Deposit Tender. (Clause No. 22) : 2% of the Accepted Value of the

17) Total Security Deposit : As per clause No. 11 a

18) Refund of initial Security Deposit Comprising of EMD and ISD. : 50% of the Security Deposit shall be refunded to the Contractor on completion of the work and balance refunded only after the Defect Liability Period is over.

19) Period for Honoring Certificate : 1. One Month for R.A. Bills
2. The final bill will be submitted by the Contractor within one month of the date fixed for completion work and the Bill shall be certified within 3 months from the date of receipt of final bill provided the bills are submitted with all pre-requisite documents/test reports etc. prescribed in the tender.

________________________
Signature of Tenderer.

Date:

Signature of Contractor with Seal
LETTER OF DECLARATION

To,
The V.P. & Circle Head,
State Bank of India Infra Management & Solutions Pvt. Ltd.,
Mezzanine Floor,
State Bank of India,
Local Head Office, Hoshangabad Road,
Bhopal 462011

Dear Sir,

Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur

Having examined the terms & conditions, drawings, specifications, design relating to the works specified in the memorandum hereinafter set out and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto and affecting the quotation, I/We hereby offer to execute the works specified in the said memorandum within the time specified in the said memorandum on the item rate basis mentioned in the attached schedule and in accordance in all respect with the specifications, design, drawings and instructions in writing referred to in conditions of Tender, the articles of agreement, conditions of contract and with such conditions so far as they may be applicable.

MEMORANDUM

<table>
<thead>
<tr>
<th>(a) Description of work</th>
<th>Proposed Replacement of 33 KV HT VCB Panel at SBI Administrative Office Jabalpur</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) Earnest Money</td>
<td>Rs. 30000/- (Rupees thirty thousand only) by means of Demand Draft / Pay Order from any scheduled Nationalized Bank drawn in favour of SBI Infra Management Solutions Pvt. Ltd. and payable in Bhopal.</td>
</tr>
<tr>
<td>(c) Time allowed for completion of work from the date of issue of work order.</td>
<td>5 (five) months from the date of commencement as per tender.</td>
</tr>
</tbody>
</table>

Should this tender be accepted, I/we hereby agree to abide by and fulfill the terms and provisions of the said conditions of Contract annexed hereto so far as they may be applicable or in default thereof to forfeit and pay to SBIIMS PVT.LTD., the amount mentioned in the said conditions.

I/we have deposited Demand Draft / Banker's Cheque / FDR for a sum of Rs.30000- (Rupees Thirty Thousand only) as Earnest money deposit with the SBI Infra Management Solutions Pvt. Ltd. Should I/we do fail to execute the contract when called upon to do so, I/we

Signature of Contractor with Seal
hereby agree that this sum shall be forfeited by me/us to SBI Infra Management Solutions Pvt. Ltd.

We understand that as per terms of this tender, the SBIIMS Pvt. Ltd. may consider accepting our tender in part or whole or in phases. We, therefore, undertake that we shall not raise any claim / compensation in the eventuality of Bank deciding to drop any of the building / buildings from the scope of work of this tender at any stage during the contract period. Further, we also undertake to execute the work entrusted to us in phases on our approved rates and within the stipulated time limit without any extra claim for price escalation as provided for in Clause 11.1.7 and 11.1.8 “Instructions to Tenderers” of this tender.

We, hereby, also undertake that, we will not raise any claim for any escalation in the prices of any of the material during the currency of contract/execution/completion period.

Yours faithfully,

Signature of contractor
With Seal
NOTES TO SCHEDULE OF ITEM

01. Tenderers shall include in their rates quoted charges for preliminary and general item required for the execution of work such as tools and plants, workman’s shed temporary offices, clearing site, scaffolding up to required height etc. The description of each item shall, unless otherwise stated be held to include conveyance and delivery, unloading, storing, fabrication, hoisting, all Labour and finishing to required shape and size, setting, fitting and fixing in position, straight cutting and waste, return of packing, overheads, profits and other incidental charges.

02. Contractor should note that the tender is strictly on item rate basis and their attention is drawn to the fact that their rates for each and every item should be correct, workable and self supporting. If called upon by the Consultant / Owner detailed analysis of any or all rates shall be submitted. The Consultant / Owner shall not be bound to recognize Contractor’s analysis.

03. Workmanship of Panels, installation of cables, etc should be proper.

04. Distribution boards of reputed manufacturers specified in the list should be used instead of locally fabricated ones.

05. Storing and protection of all the materials at site till erection, commissioning and handing over shall be at the responsibility of successful tenderer without any extra cost.
TECHNICAL SPECIFICATIONS

1.0. CABLE LAYING IN UNDERGROUND TRENCH / HUME PIPES
The cable trench in ground has to be prepared by excavating soft Murom/black soil/hard Murom as per details given in trench drawing with specifically maintaining clear dimensions of trench i.e. (width/depth/length). The rates for excavation shall be quoted after visiting site. After complete excavation of length of trench, the sand bed of 50 to 100 mm thickness has to be created in bottom of trench. Fine Narmada river sand has to be used for this purpose and it is to be ensured that this sand does not contain stone/gravel etc. The sand bed has to be even and a pre inspection of this shall be arranged with consultant/Engineer-in-charge. The cables are to be laid in these trenches. Cable drums has to be shifted from stores to site of laying by the Contractor and hydraulic jack shall be arranged for lifting of drums. Sufficient manpower shall be arranged for uncoiling/laying of cables in order to avoid damage to cable. The work includes supply of cables. Length of cable piece has to be properly measured and cut from the drum. The cables are to be laid in the trenches maintaining minimum spacing of 100 mm (or as specified in the drawing). After laying of all cables in trenches, cable identification tags are to be installed at every Mtr. distance. These tags are of Aluminium flat (minimum size 25 x 3 mm) and shall bear punch mark of cable number. The cable number shall match to that of given in cable schedule and in case of any alterations prior to permission of Consultant has to be obtained. After this another sand bed of 100 mm has to be prepared over cable. The bricks are then to be kept on the edges of cable over sand as per drawing and details. The backfilling of soil and proper leveling, length compacting shall be done. After completion of complete work, the route markers of cable trench has to be installed along the trench. The size of route marker shall be minimum dia 100 mm x 3 mm bolted on MS angle of size 40mmx40mmx5 mm. These markers are to be grouted in ground approximately and every turning has to be provided with separate route marker. For every road crossing, entry in building etc. cable sleeves RCC/GI in specified sizes are to be provided as per drawing and details. Complete work shall be done to ensure reliability of system. The work is including supply of cables.

2.0. CABLE LAYING ON TRAYS/WALLS
The cable trays are to be fabricated out of MS angle of given sizes. The trays has to be fabricated in two parts i.e. cable trays and its supports. Complete fabrication work of tray/support has to be done by straightening of angles, fabricating specified sizes, removal of sharp edge and installation of trays on supports. The tray has to be installed in such a way that same level is maintained on one runner (unless specified otherwise). The T section, bend has to be long radius type and shall be minimum 16 x outside dia of biggest size cable. The supports at such sections has to be provided in addition to that shown in the drawing. Complete cable trays are to be painted with one coat of red oxide/two coats of black synthetic enamel paint. After completion of above work cable laying has to be started from LT panels to machines/power outlets. The pre measurement of cable length has to be carried out and only after ensuring correct required length, cable has to be cut. The cables are to be laid on trays with minimum spacing of 75 mm (or as specified in the drawing). After laying of all cables, ‘AL’ tags are to be installed along with ‘AL’ clamps (made from ‘AL’ strip of minimum 25mm x 3mm). The spacing between such clamps shall be maximum at 450 mm and that between tag is same as specified in (1). For installation of cables in walls, MS/GI spacers shall be used. Spacers shall be MS/GI flat of 25mm x 3mm upto 16 mm2 cable and 40mm x 6mm above 16 mm2 cables. The spacing shall be maximum 200 mm and it shall be fixed with GI machine screws. Complete work has to be executed ensuring safe installation.

3.0 CABLE END TERMINATION
The cable end termination of all cables has to be done by a skilled cable jointer (to be arranged by Contractor) using proper size cable glands, lugs, ferrules of approved make. All such required material shall be supplied by Contractor. The cable glands shall be installed by punching appropriate size hole on gland plate. No extra hole
shall be punched unless specified otherwise. The gland plate has to be refitted properly to ensure vermin proofness of panels. The lugs shall be of Copper and shall be crimped using crimping tool compression type. Above 50 mm², hydraulic crimping tools are to be arranged by the Contractor. Before crimping lugs contact enhancement paste has to be provided of approved make. The termination is then to be carried out ensuring tightness/proper contact at the point of termination.

4.0 EARTHING

Under the scope of earthing work earthing of HT Yard, street lighting, Control and distribution boards, individual equipment, machines etc. is covered. The earthing is segregated in different items and is to be done as per following details. The work includes supply of all materials required for earthing.

4.1 Earthing Electrode/Pit Earthing:

The earthing electrode has to be installed by excavation of soil in size 900mm x 900mm x 3000 mm (Depth). On completion excavation, earthing plate electrode of 600mmx600mmx6 mm hot dipped plate or 300mmx300mmx3 mm copper or 600mmx 600mmx 6mm copper or pipe electrode as per specification has to be installed. The plate has to be connected with 2 No. 45mm x5mm GI or 25mmx5mm copper or 45mmx5mm copper strip with help to 2 Nos. GI/brass bolts /nuts and is to be suspended in excavation pit alongwith perforated GI Pipe for watering. The plate is to be then covered with common salt, coat powder, black soil as per drawing and specifications. After back-filling, the PCC in 1:2:4 is to be applied in an area of 300mmx300mm and brick masonry chamber( thickness of chamber wall 200 mm) has. The chamber cover and frame of 300mmx300mm of CI shall be supplied and grouted in brick masonry. The chamber cover shall have lifting hook and shall have space in frame for proper placement. The watering fennel, is to be installed over watering pipe. The test link between earthing pit clamps and running earthing strip is to be provided for testing. After completion of work, resistance of earth pit has to be measured 4 pin method and results shall be recorded/handed over to client /consultant in 1 sets.

4.2 EARTHING STRIP

The scope of work includes supply of hot dipped galvanised iron strips/wire as per details and drawings. The GI Strip supplied for purpose shall be continuous (minimum single length acceptable in 10 mtr.) The strip has to be straightened without damaging galvanising. The strip has to be welded by overlapping and three side continuous welding joint. These joint shall then be cleaned and jute covering has to be provided (wherever strip is buried in ground). After this black bituminous anti corrosive paint has to be applied on all joints. Same process has to be adapted for all tappings also in case if earth wire is required to be connected on strip with the help of bolt, GI bolts, nuts are to be used along with covering and painting. The earthing strip wherever indicated in drawing, has to be supplied in ground at a depth specified in dwg. The earthing strip shall be covered with black soil and in no case sand has to be used around strip.

5. HT SUBSTATION ERECTION

a) OUTDOOR 33KV YARD

Complete outdoor type 33KV HT transformer yard is required to be installed in premises. The preliminary details which are required to be taken care of by contractor are:

i) Preliminary consent from MPEB for location of yard.

Signature of Contractor with Seal
ii) Preliminary consent for sanction of required KVA
iii) Availability of necessary clearance with respect to adjacent building structures
iv) Drawing details are in line with Electrical Inspectors/IE rules guidelines

Upon ensuring above, installation work HT yard shall be started as per following details:

a) The vertical member of HT yard shall be of TATA/SAIL make first quality, joint less ISMB 200 (Beams). These beams shall be straightened on ground first to ensure removal of all bends etc. A base plate of 500mmx500mmx10mm thick MS plate shall then be fully welded to the bottom of each beam. Each such plate shall also be supported by 4 nos gusset plates of 10mm thickness as per details given in drawing. These vertical members then shall be provided with MS angle 65mmx65mmx5mm supports welded at each location where horizontal channels are to be installed. Additional supports for GI earthing of structure and copper earthing of lightning arrester shall be provided on this vertical member.

b) The supports for installation of danger plate, anti climbing barrier are also to be welded on these ISMB 200. On completion of above work complete derusting of beams are to be carried out. Two coates of red oxide paint are to be applied on complete area. The lower 2.5 mtr height including base plate etc is to be painted with 2 coats of black bitumen for ensuring corrosion resistance of parts which are to be buried in ground.

c) Each horizontal member of HT yard shall be ISMC 100 (channel) of TATA/SAIL first quality. All these channels shall be cut to size, made with holes for mounting of devices and clamps. On finishing of these jobs, each channel shall be grinded and painted with two coats of anticorrosive red oxide as per above details.

d) Mounting of channels on erected beams shall be done with help of MS clamps made out of flat 60mmx6mm. All such mountings shall be done with high accuracy to ensure proper grip of beams. All hardware used for above shall be zink pacivated high strength GKW/UNBRACO make. All bolts are to be fixed with locking washers and double nuts.

e) The AB switch shall be fixed on horizontal/Vertical manner as per drawing. Each pole shall be tested for meggar value prior to installing switch on structure. The contacts of AB switch shall be checked and gressed with conducting electrical grade grease. The AB switch shall then be installed to structure with all clamping accessories, hardware, operating rod, operating handle, padlock arrangement and limit switch for safety cutoff and earthing handle.

f) The lightning arrester also shall be pre tested for insulation resistance test and high voltage test. On passing these tests LA are to be installed on top of structure, laying and connecting of copper strips on insulation supports and connection of LA with line through jumpers shall be done as per drawing and specifications.

g) The pin insulators are to be provided as per details of drawing after checking insulation value

h) The DO fuse housings are to be checked for IR value and then to be installed. Each housings shall be provided with 1A fuse initially and on commissioning and successful charging with rated fuses.

i) The ACSR conductor of specified size shall be installed through Disc insulator / AB switch / Pin insulator / DO fuse / Pin insulator / Transformer.

j) The transformer shall be installed on prepared foundation and assembly of following accessories are to be done.

i) Conservator, breather, silica gel case, radiators, explosion vent diaphragm.

ii) Wiring of WTI/OTI/BUCHOLZ RELAY / any other safety device with main electrical panel

iii) Connection of neutral points with earthpits as per details.

iv) Connection of transformer body to earthpits as per details

v) Connection of power cable as per details

vi) On completion of installation following test shall be carried out:

- Meggar value test with 1 KV meggar
- Functional test

vii) Complete yard then shall be offered for inspection of electrical inspector and permission of charging shall be
INSTRUCTIONS FOR CARRYING OUT ELECTRICAL INSTALLATIONS.

1. The Contractor will have to bring all the necessary and proper tools and tackles for carrying out the work.

2. The work is to be carried out, when the building or parts are ready for installation.

3. All jumpers of ACSR conductor are to be taken out by means of PG clamps only.

4. Jointing of copper strips shall be done by brazing or by way of butt jointing, bolt, nut, washer used for jointing shall be either of brass/GI. The size of bolt shall be approved by Engineer-in-charge / Architect.

5. Fixing of copper strip on MS structure shall be done by welding/fixing MS clamps with GI saddles as directed by site Engineer in charge / Architect.

6. Interlocking, interlocking between air break switch and respective LT breaker shall be done either electrically or mechanically as required, Contractor shall include the case of interlocking in installation of AB switch and LT A.C.B./O.C.B./M.C.C.B.

7. The materials to be supplied by the client will have to be received by the Contractor from client godown.

8. All material to be supplied by the Contractor must be of approved quality and make and must be got/approved by Engineer-in-charge/Architect before use.

9. The Contractor shall follow all the rules and regulations like factory act, workmen compensation act and shall be responsible for any injury or accident to persons working at site.

10. The work is to be carried out as per the Indian Electricity Rules & Standard code of practice and other relevant specifications. Workmanship shall be to the satisfaction of the Engineer-in-charge/Architect. Preference to the work/items shall be given as per requirement of client and site situations.

11.a: The installation shall have to be approved by Electrical Inspector/M.P.E.B. and/or any other local authorities, if required and such approval shall have to be arranged by Contractor. Any alterations, additions suggested by them shall have to be incorporated by the Contractor at his cost.

b: After getting permission of charging from Electrical Inspector's office it is duty of Contractor to follow-up for installing energy meter and getting line charged from MPEB as early as possible. All follow-up expenses shall have to include in offer.

12. No joint shall be allowed in I-section, MS channel.

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13. In case of any dispute with setting of claims for extra items, the decision of client will be considered final and binding of the Contractor.

14. If any part or whole of the work or any item is not executed to the entire satisfaction of the Engineer-in-charge/Architect. The Contractor shall have to demolish and do the same work again with out any extra cost if so ordered by the Engineer-in-charge/Architect.

15. No materials supplied by the client shall be allowed to be removed from site of work unless and until ordered so by the Engineer-in-charge/Architect. The Contractor shall ensure the safety of the materials from date of receipts from the client's store till actual installation at the works and handed over to client after connection and testing. The Contractor shall maintain a proper site order book at the site which remain in the custody of the Engineer-In-Charge.

16. The place after any work is completed should be cleaned by the Contractor. Breaking of walls, slabs, roads etc. necessary for laying cables, conduits drawing of cables/wires etc. and making them good to original position will have to be done by the Contractor through skilled workers.

17. The measurement will be taken in presence of Consultants authorized representative at site.

18. Whatever material/equipments supplied by the Contractor, he has to supply 4 sets of test certificates from the manufacturers, like lightning arrester, AB switch, DO fuse, electrical control panel, sub distribution boards, ACB, OCB, MCB, MCCB, earth fault relay/earth leakage relay, ELCB, transformers, wires, cables and other item etc.

19. The quantities as shown in the Tender are approximate and may change or delete according to site situation/conditions. However, the payment will be made on the actual supply and work carried out at site and duly certified by the Consultant.

20. On the completion of the work the Contractor shall supply free of charges, completion plan in triplicate, in blue prints and also in original drawing on tracing cloth. Insulation and earth test report of the Internal and External electrification installation shall be supplied in 3 copies. These shall be handed over to the Consultant in good condition by the Contractor before the finalization of his final bill.

21. Meter connection, MPEB's approval for sanction of power and Electrical Inspector's approval for HT yard set is included in scope of contractor and all such work shall be completed by contractor within time without any extra cost however all legal fees deposited by him shall be reimbursed by client against production of treasury challans.

22. All materials brought at site shall be as approved by Consultant/EIC and if desired so contractor shall arrange for testing of materials at laboratory(ERDA, Baroda) for any electrical parameter checking. All such expenses shall be borne by contractor and are included in quoted rates.

23. General repairs should be done before completion of work.

24. Guarantee period for all work/supply and complete installation will be of one year or more from date of completion of work.

Signature of Contractor with Seal
25. Preparation of final drawing of transformer /HT yard layout based on drawings given by consultants and getting approval from state electricity board and office of chief electrical inspectors office to charge transformer is included in scope of contractor. Work also include obtaining complete permission/approval including site visits of officials. All work to be arranged by contractor and liaising charges/expenses for above work shall be included in tender cost. Final permission without pending work remark shall be submitted to client. Calibration of meters / CTs from state electricity board will also be responsibility of contractor and no extra payment for these works shall be payable. Only those Challans/bills (which are submitted in treasury) for Electrical Inspectors office, MPEB office will be reimbursed by client against production of original challans to client.

26. Security deposit will be released after expiry of guarantee period of work done on trouble free operation.

**FIRE INSURANCE APPROVAL**

The bidder shall have TAC approval from Tariff Advisory committee & copy of approval shall be enclosed with bid.

**INSPECTION**

The Consultant’s representative shall be free to inspect the equipment at several stages to be decided mutually. The equipment shall be dispatched only after the inspection & successful testing at manufacturers works.

**DRAWINGS**

Before starting the manufacture of the equipment, the successful bidder shall have to take approval from the Consultant. Any manufacturing done prior to approval or any change in specification shall be rectified by supplier. Minimum two sets of drawings sent for every approval & three sets shall be furnished after job completion.

**OPERATION MANUALS**

Three sets of operation manuals with the technical leaflets of the components used in the CPC & PBS are to be provided after completion of job.

**PERFORMANCE GUARANTEE**

All the equipments shall be guaranteed for 12 months from the date of commissioning.

**APPLICABLE STANDARDS**

The equipments covered under above specifications shall be designed, fabricated & tested in accordance with the applicable sections of the latest revisions of relevant Indian standards (IS) & all International Electrotechnical Commission’s recommendations (IEC) As well as specifications given in this document.

The PCC & PDBS shall generally confirm to the requirement of the following standards amended upto date:

a) IS-4237 General requirements of switchgear & controlgear for voltage not exceeding 1000V

b) IS-375 Arrangement of busbars, main connection, auxiliaries & wiring.

c) IS-2516 Requirement of the circuit breakers not exceeding 1000 V, selection & testing.

d) IS-4047 Specification for heavy duty air break switches & fuses for voltages not exceeding 1000V.

Signature of Contractor with Seal
11.18.0 APPLICABLE STANDARDS
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d) IS-4047 Specification for heavy duty air break switches & fuses for voltages not exceeding 1000V.
e) IS-2208 Specification for HRC cartridge fuse links up to 650V.

13.04.2020
Signature of Contractor with Seal
II). TECHNICAL SPECIFICATIONS:

1.0 HT PANEL:

33 KV, 3 PHASE VACUUM CIRCUIT BREAKER

1.1 GENERAL REQUIREMENTS

a) The 33kV Switchboard shall be designed suitable for following climatic conditions and conforming to specifications:

Ambient System Conditions:

i) Designed Ambient : 40°C

ii) Relative Humidity : upto 90%

iii) Normal System Voltage : 33kV ±10%

iv) System Frequency : 50Hz ± 3%

v) System Earthing : Solidly earthed

vi) Control Voltage : 230 ± 10%, A.C.

: 110V ± 5% DC

b) Standard and Codes:

The system shall conform to the requirement of Indian Electricity Rule, Electricity Act and Indian Standard Specification mentioned hereunder. Wherever the IS nos. are not mentioned, the

Signature of Contractor with Seal
equipment shall conform to IEC.

i) IEC62271-100 & 200 : Circuit Breakers & Panel

ii) IS-2705 : Current Transformer

iii) IS-3156 : Potential Transformer

iv) IS-9385 : High voltage fuses

v) IS-6875 : Control switches

vi) IS-1248 : Electrical Direct acting indicating instruments

vii) IS-722 : AC electricity Meter of Induction type

viii) IS-3231 : Electrical Relays

ix) IS-2147 : Degree of protection provided by enclosures for low voltage switch gear and control gears.

x) IS-375 : Marking and arrangement for switchgear, busbars, main connection and auxiliary wiring.

xii) IS-9224 : Low voltage fuses.

c) The incoming and outgoing circuit breakers shall be suitable for operation on 33 KV, 50 c/s, 31.5 KA (1500 MVA), fault current system. Each breaker shall have potential free NO/NC additional auxiliary contacts for use.

d) Circuit breakers shall be HORIZONTAL ISOLATION and HORIZONTALDRAWOUT type with distinct Service / Test/ Isolate positions. Breaker shall be CASSETTE TYPE WITHDRAWABLE TYPE provided with set of safety shutter of POLYCARBONATE MATERIAL. It shall conform to `IS and IEC specifications.

e) Circuit breaker mechanism shall be trip free. Motor operated spring charged closing type. It shall also be possible to manually charge the springs. Once charged it shall be suitable for one complete cycle of OFF-ON-OFF. The Circuit Breaker should be provided with 64 pin Aux Socket.

f) A suitable shutter assembly shall be provided for shrouding of live terminals while the breaker is in test and isolate positions. The Shutter should be made of Insulating materials such as Polycarbonate.

g) Suitable rollers shall be provided for easy drawing out of breaker from the compartment.

h) Metering CT Wiring, Metering PT wiring, protection wiring and DC Wiring shall be segregated from each other and further these wirings, busbar chamber, circuit breaker compartment shall be all be mutually segregated, CT wiring shall be using 2.5 Sq.mm, PT control 1.5 Sq mm, 1.1 KV grade,
copper PVC insulated cable and the terminals shall be suitable for termination of at least two pairs of control cables.

i) PT shall be drawout type protected with secondary HRC fuses of adequate capacities. THE PT DESIGN SHOULD BE SUCH THAT THE HT FUSE IS ENCAPSULATED IN EPOXY MATERIAL TO AVOID DIRECT EXPOSURE OF HIGH VOLTAGE TERMINALS.

j) Shunt trip of the breakers shall be suitable for 110Volts DC.

k) Power terminals shall be brought out near the bottom of the panel for connecting power cables of required sizes entering from the bottom, Necessary cable end boxes for XLPE insulated armoured three core PVC sheathed 33/19 KV grade cable.

l) Panels shall be supplied completely wired upto terminal bocks for connecting external cables entering panel form the bottom/rear. Terminal blocks shall be provided with necessary terminal accessories for cable ends. Blank removable plate shall be provided with cable glands at the panel for cable entry. All internal wiring shall be numbered with suitable ferrules.

m) All protective relays shall be flush mounting on the front of the cubicle with connection from the inside. They shall have dust tight covers removable from the front. They shall include test facilities either provided outside or built in. these shall be as per standard design of supplier. The auxiliary relays, if required may be mounted inside the cubicle.

n) Failure of a control of auxiliary supply and de-energisation of any relay shall not initiate a circuit breaker operation.

o) Each panel shall be provided with a circuit identification name plate. The text will be furnished at the front and the rear and inside and outside labelling for easy identification of parts and panel components.All labels to be Engraved and of Aluminium material.

p) Panel shall be dust and vermin proof and the panel shall be adequate thickness not less than 2mm and reinforced to provide flat leveled surfaces, resistant to sustain vibration and handling during installation. Doors and Load Bearing Members shall be of 3mm Thick CRCA Sheet with main panel of 2mm Thick. The panel shall suitable for indoor installation with degree of protection IP4X. Panels after fabrication shall pass through 9 tank metal pretreatment process and shall be powder coated.

q) Panel Height including the LV Chamber should not be more than 2000mm & width should not be less than 1100mm so as to maintain proper air clearances to withstand the Impulse Voltage.Panels shall be fully compartmentalized for breakers, busbars, CT, relays and instruments, cable end boxes and terminals boxes. The access to equipment be so as to ensure prevention of accidental/contact to live parts. The live portions of breaker assembly shall have automatic safety shutters to cover HV section. Construction wise, the maintenance personnel shall not be endangered by breaker operation and explosions inside the panel and shall be adequate to withstand. Seperate VCB withdrawable Trolley to be provided along with each Panel Board with provision for adjustment of Height as per the flooring at site.

Over all Dimension of the Panel :-

Signature of Contractor with Seal
INCOMER PANEL :: 1100mm(W) x 2000mm(H) x 3250mm(D)

OUTGOING PANEL :: 1100mm(W) x 2000mm(H) x 2380mm(D)

r) Breaker panel shall have following interlocks:
- Breaker truck cannot be withdrawn or inserted when breaker is closed.
- Breaker can be operated only in service / test / isolated and withdrawn conditions of breaker truck.
- Breaker cannot be moved from service, to test position in ON state.
- Closing of the breaker shall be possible only when the truck is in service or test position and not in a position in between.

s) All gasket joints shall be air/oil/water tight. Gasket shall have appropriately located mechanical stop or prevent crushing and be so plated that there is not exposure to weather.

t) The bus shall be adequately supported on insulators (epoxy) and made of Copper/Aluminium. These shall be able to sustain the mechanical and electrical stresses due to specified short circuit currents. Bus bar cross section shall be uniform throughout. All Busbars should be sleeved with HBT/Hongshang make Sleeves.

u) The earth bus shall be made of copper 6mm THK X 30mm WIDTH to withstand specified short circuit levels.

v) The Panel with VCB should be Type Tested at ERDA/CPRI for the following:-
1.) Short Circuit Test
2.) Impulse Voltage Test
3.) Temperature Rise Test.

The equipment shall be supplied with all test certificates as per manufacturer’s practice which shall preferably include among others:

1.) PRIMARY INJECTION TEST
2.) HIGH VOLTAGE TEST
3.) MILIVOLT DROP TEST
4.) SECOMDARY INJECTION TEST

1.2 INDICATIONS

Red, green and amber indication lamps alongwith control fuses working on 24 volts DC (or as specified) shall be provided for ON, OFF and TRIP indication.

1.3 INCOMER CIRCUIT BREAKER

1.3.1 METERING

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1.3.2 PROTECTION

a) Protective relay suitable for 5 Amp. Secondary current with 2 Nos. 1.3 sec. IDMT elements (50 to 200%) for over current and 1 No. 1.3 sec. IDMT element (10 to 40%) for earth fault protection, type MC61A of approved make.

b) 3 Nos. 15VA Class 5P10 Cast resin type CT.

c) The above relay shall have hand reset type flag indication.

The Withdrawable type PT arrangement shall be provided on the rear side of the Incomer Panel so as to accommodate the PT. It should be connected to the incoming side of the Cable so as to ensure the live line indication in front of the Panel.

1.4 OUTGOINGS CIRCUIT BREAKERS (EACH)

1.4.1 METERING

a) 3 Nos. 33kV, 15VA, Class Cast Resin Current Transformers shall be provided for metering.

b) 1 No. digital Ammeter (96 x 96) mm with selector switch shall be provided for measuring current.

1.4.2 PROTECTION

a) Protective relay suitable for 5 Amp. Secondary current with 2 Nos. IDMT elements (50 to 200%) for over current. 1 No IDMT element (10 to 40%) for earth fault, 2 Nos. instantaneous elements (500 to 2000%) for short circuit and one no. 10-40% for instantaneous E/F protection, type MC61A of approved make.

b) 3 Nos. CT’s 15VA class 5P10 Cast resin type.

c) 3 Nos. auxiliary relay type VAA33 of Alstom or equivalent make shall be provided for Buchholz, OTI, WTI Alarm and trip.
d) 1 No. hand reset type master tripping relay type VAJH-13 of approved make with 1 No. potential free NO and NC contact of this relay shall be wired to terminal block for external use.

e) All the above auxiliary relays shall be hand reset type with flag indications.

f) All the above auxiliary relays and master tripping relay shall be suitable for 110Votls D.C.

1.5 HOOTER

1 No. Hooter working on 110 Volts DC with an audible range of 100 meters shall be provided with acknowledge/reset Push Button for above alarms and tripping of all breakers.

1.6 DOCUMENTATION

Three sets of complete documentation including detailed maintenance procedures/drawings/part list/rating/manufacturer's details/installation drawings of panel etc. shall be supplied with adequate description for maintenance/repair.

1.7 Remote Control panel

1 no. Remote control Panel should be provided complete with TNC switch, Metering (Digital Ammeter, Voltmeter, KWH Meter 96x96 mm size), Phase Indicator lamps with all necessary control cabling for each Unit of Incoming and Outgoing breaker.

Seal & Signature of the contractor

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**NOTE:**
All The materials to be ISI marked.
The materials shall be only of the approved makes as specified in this.
The Contractor shall submit samples of all the makes as specified in this list and the Consultant / Owner shall have the power to select any of them.
Consultant / Owner decision in this regard shall be binding on the Contractor.
In case any material is not available for any one or all of these approved makes the Consultant / Owner shall select and approve alternative make(s).

**NB.**
1) The contractor should obtain prior approval from Employer / Consultants before placing order for any specific materials. Employer may / delete any of the makes or brands out of the above list.
2) All materials should conform to relevant standards and codes of BIS.
3) Materials with I.S.I. mark shall be used duly approved by the SBIIMS Engineer / Architect.

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Note: - If any material is found to be not up to the mark, the contractor will have to produce original bills/certificate from the manufacturer or his authorized Distributor for authenticity and genuineness of the material for consideration and as per make approved by the SBIIMS. The same will not be considered for payment.

Seal & Signature of the contractor