



CIN - U40108CT2003SGC015820  
GST NO. 22AADCC5773E1ZX

**CHHATTISGARH STATE POWER TRANSMISSION COMPANY LIMITED**

छत्तीसगढ़ स्टेट पावर ट्रांसमिशन कंपनी लिमिटेड  
(C.G. Govt. Undertaking) (छत्तीसगढ़ शासन का एक उपक्रम)

**CHHATTISGARH STATE LOAD DESPATCH CENTRE: RAIPUR**

छत्तीसगढ़ राज्य भार प्रेषण केन्द्र, रायपुर  
दूरभाष PHONE : 0771- 2574172 फैक्स FAX NO. 0771-2574174  
Web Site: [www.sldccg.com](http://www.sldccg.com) email – [scada@sldccg.com](mailto:scada@sldccg.com)

## **TENDER SPECIFICATION**

### **TR - 177**

### **FOR**

## **SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF WINDOWS DOMAIN CONTROLLER SERVERS , NMS, ANTI VIRUS, WORKSTATION AND SWITCHES AT Main SLDC, Raipur**

**LAST DATE & TIME OF SUBMISSION OF TENDER:-**

**23/12/2021(TIME 15:00 HRS.)**

**DUE DATE OF OPENING OF TENDER:-**

**23/12/2021 (TIME 15:30 HRS.)**

**Price: (i) Rs 1120/- (Including  
GST@ 12 %, if Purchased)  
(ii)Rs 1180/- (Including  
GST@ 18%, if Downloaded)**

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## BEFORE SUBMITTING YOUR QUOTATION PLEASE ENSURE

1. That required earnest Money is enclosed. In case of exemption, necessary certificate will be required. In either case, reference of earnest money deposit is to be super scribed on the outermost envelope in details along with due Date.
2. That tender specification Number and Name of work are super scribed on the outermost envelope.
3. That technical specifications are very clear and exact as per our requirement.
4. That "Tender form" duly signed by you, is enclosed.
5. That the "Questionnaire" form duly answered and signed is enclosed. No question should remain unanswered or left blank.
6. That the performance certificate / copies of order executed for similar items / works to reputed consumers are enclosed.

 <p>CIN - U40108CT2003SGC015820</p>	<p align="center"><b>CHHATTISGARH STATE POWER TRANSMISSION COMPANY LIMITED</b>  छत्तीसगढ़ स्टेट पावर ट्रांसमिशन कंपनी लिमिटेड  (C.G. Govt. Undertaking) (छत्तीसगढ़ शासनका एक उपक्रम)  <b>CHHATTISGARH STATE LOAD DESPATCH CENTRE: RAIPUR</b>  छत्तीसगढ़ राज्य भारप्रेषणकेन्द्र, रायपुर  दूरभाष PHONE : 0771- 2574172 फैक्स FAX NO. 0771-2574174.  Web Site: <a href="http://www.sldccg.com">www.sldccg.com</a> email - <a href="mailto:csebsldc@sldccg.com">csebsldc@sldccg.com</a></p>
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No.03-02/SLDC/TR-177/\_\_\_\_

Raipur Dtd. \_\_/\_\_/\_\_\_\_

### **NOTICE INVITING TENDER**

Sealed tenders are invited from the eligible firms/contractor/agencies who fulfill the pre-qualification criteria for SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF Windows Domain Controller Servers , NMS, Anti Virus, Workstation and Switches at Main SLDC, Raipur as per the details given below –

Sl. No.	Tender No.	Particulars	Qty.	Cost of tender doc. (Rs.)	E.M.D. (Rs.)	Due date
1.	TR-177	SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF WINDOWS DOMAIN CONTROLLER SERVERS , NMS, ANTI VIRUS, WORKSTATION AND SWITCHES AT MAIN SLDC, RAIPUR	Lump Sum	1,000.00 (Excl. GST @12% if purchased from office) (Excl. GST @18% if download)	48,000/-	23/12/2021 15:00 hrs.

**NOTE:-**

- In case due date is declared as holiday then the same will be automatically get shifted to next working day.
- Any notice for extension of due date of tender opening shall not be published in news papers. It will be displayed on official Website of CSPC & SLDC.

### **TERMS AND CONDITIONS**

(i) Tender documents can be obtained from the office of the E.D. (LD) in person on payment of cost of tender document in the form of MICR DD only made out in the name of Manager (RAO-HQ), CSPTCL, Raipur accompanied with firm's application on its letter head on any working day one day before the due date. If tender document is required by post, Rs. 100/- is to be paid along with the cost of documents CSPTCL shall not be responsible for any postal delay regarding receipt / non receipt of tender documents. Alternatively the tender document can also be downloaded from official website of CSPC [www.cspc.co.in](http://www.cspc.co.in) or SLDC CG ([www.sldccg.com](http://www.sldccg.com)) and required tender fee in form of DD in favour of Manager (RAO-HQ), CSPTCL, Raipur payable at Raipur in separate envelop super scribed " DD containing cost of tender document" should also be submitted . The details of DD should be mentioned on the

outer side of the envelope also. Please note carefully in absence of aforesaid requisite tender fee further bids shall not be considered for opening.

(ii) The documents/ certificates copies of past experience for similar type of work shall be submitted with applications for purchase of Tender form.

(iii) The tender in the prescribed form with Earnest Money of **Rs. 48000/- (Rs. Forty Eight thousand)** only in the form of Demand-Draft payable to **Manager (RAO-HQ), CSPTCL, Raipur** will be accepted up to 15:00 hrs on or before dated **23/12/2021** and will be opened on the same day at 15:30 Hrs in presence of those tenderers who choose to be present. Earnest Money in any other form will not be acceptable. No offer will be accepted without Earnest Money and will be summarily rejected. Details of earnest money shall be mentioned in the corner of the tender envelope.

The duly filled tender should be dropped in the tender box of the respective tender up to 15:00 Hrs. on the due date. In case of tender sent through post / courier, it will be responsibility of the bidder to drop / get dropped the tender in the respective tender box. No receipt of tender shall be issued in any case. The techno-commercial bids shall be opened at 15:30 Hrs. on the due date CSPTCL reserves the right to accept or reject any or all the offers, in part or full without any reason whatsoever.

**EXECUTIVE DIRECTOR (LD)  
SLDC, CSPTCL, RAIPUR**

 <p>CIN - U40108CT2003SGC015820</p>	<p align="center"><b>CHHATTISGARH STATE POWER TRANSMISSION COMPANY LIMITED</b>  छत्तीसगढ़ स्टेट पावर ट्रांसमिशन कंपनी लिमिटेड  (C.G. Govt. Undertaking) (छत्तीसगढ़ शासनका एक उपक्रम)  <b>CHHATTISGARH STATE LOAD DESPATCH CENTRE: RAIPUR</b>  छत्तीसगढ़ राज्य भारप्रेषणकेन्द्र, रायपुर  दूरभाष PHONE : 0771- 2574172      फैक्स FAX NO. 0771-2574174.  Web Site: <a href="http://www.sldccg.com">www.sldccg.com</a>      email - <a href="mailto:csebsldc@sldccg.com">csebsldc@sldccg.com</a></p>
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## TENDER FORM

### Tender \_No. 03-02/SLDC/TR-177

Tender for: -

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF Windows Domain Controller Servers , NMS, Anti Virus, Workstation and Switches at Main SLDC, Raipur.

**PRICE:** - (i) Rs 1120/- (Including GST@ 12 %, if Purchased)  
(ii)Rs 1180/- (Including GST@18%, if Downloaded) {Non-Refundable}

Issued to: -

M/s \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sold vide DD No. \_\_\_\_\_ dt. \_\_\_\_\_ drawn on (the  
bank) \_\_\_\_\_ Branch \_\_\_\_\_ for Rs. 1000/-  
(Rs. One Thousand only).

NOTE: -

1. THIS FORM MUST BE RETURNED AT THE TIME OF SUBMITTING THE TENDER.
2. TENDER BOOK CONTAINS \_\_ PAGES.

**EXECUTIVE DIRECTOR (LD)**  
**SLDC, CSPTCL, RAIPUR**

The undersigned hereby tender and offer (subject to CSPTCL's conditions of tendering), to the Chhattisgarh State Power Transmission Co. Ltd. for SUPPLY, INSTALLATION, TESTING &

COMMISSIONING OF Windows Domain Controller Servers , NMS, Anti Virus, Workstation and Switches at & Commissioning Of Windows servers, Workstation and switches at Main SLDC, Raipur which are described or referred to in the enclosures & annexures to the tender specification **TR-177**, copies of which are annexed hereto and which under the terms thereof are to be executed and done by the contractor in a thoroughly good and professional manner, and to perform and observe the provisions and agreements or the part of the contract contained in or reasonably to be inferred from the said tender documents for the sum and at the rates set out in schedules annexed hereto.

It is confirmed that:

- (i) Questionnaire for Commercial terms and Conditions.
- (ii) Agreement on non-judicial stamp paper worth Rs. 250/- with a revenue stamp of Rs.1/- affixed on it for Pre-Contract Integrity Pact as per **Annexure-VII**. The cost of stamp paper etc. shall be borne by the contractor.
- (iii) Questionnaire for Technical specifications of the Material, and
- (iv) All other conditions wherever described in the tender documents have been replied in full giving clear details. It may be noted that in case any reply is not given or any reply is incomplete / ambiguous the CSPTCL will have right to take the same to be advantageous for the CSPTCL.

CSPTCL's decision in this regard will be final. The bidder will have no right to furnish any technical or commercial clarification after opening of the bid which may in any way alter the offered prices.

Dated, this ..... day of .....

**Bidder's Signature**

**Bidder's Address -**

## **PRE-BID QUALIFYING REQUIREMENTS**

The offer of those bidders who fulfil following criteria will only be considered. Bidders must enclose the documents in support of pre-bid qualifying conditions without which the tender will summarily be rejected and no correspondence in this regard will be made / entertained. Therefore bidder must ensure submission of relevant documents in support of pre-bid qualifying requirement along with bid as follows: -

- a) The bidder should be OEM / Public/ Partnership/Pvt. Company / Firm with the necessary Registrations. Attested copies of Certificate of Incorporation / Registration / Partnership deed as the case may be should be enclosed.
- b) The bidder should have minimum experience of 3 years in the business of Supply of servers & firewalls and has supplied such System for any Government / Semi government / public sector undertakings. List of all such contracts executed along with copies of order and customer's certificates regarding successful execution of contract be furnished.
- c) The minimum average annual turnover (MAAT) of the bidder should be at least Rs. 72,00,000/- (Seventy Two Lakh only) for the last three financial years i.e. 2018-19, 2019-20, 2020-21. The turnover of the bidder should be certified by C.A. or should submit a certificate of C.A. regarding turnover.
- d) The bidder should be OEM or authorized dealer for the brand of equipments/sotwares proposed to be supplied.

**SECTION – I**

**INSTRUCTIONS**

**FOR**

**TENDERER**



## **INSTRUCTIONS TO THE TENDERERS** **(TENDERING CONDITIONS)**

1. **THE EXECUTIVE DIRECTOR (LD), SLDC, CSPTCL, RAIPUR** on behalf of the "**Chhattisgarh State Power Transmission Co. Ltd.**" hereinafter referred to as "**CSPTCL**" invites sealed offers / bids, for the **SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF Windows Domain Controller Servers , NMS, Anti Virus, Workstation and Switches at Main SLDC, Raipur.** Tenders must reach the Office of **The Executive Director(LD), SLDC CSPTCL, Dangania, Raipur** by **23/12/2021 at 15:00Hrs.** Tenders received after the stipulated date & time will not be considered. Covers should invariably be super scribed "**SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF Windows Domain Controller Servers , NMS, Anti Virus, Workstation and Switches at Main SLDC, Raipur**" along with Earnest Money in the form of Demand Draft payable in favour of the **Manager (RAO-H.Q.),CSPTCL, Raipur** amounting Rs. 48,000/- (Rs. Forty Eight Thousand only). No interest shall be paid on Earnest Money. The Tender will be open on the same day at 15:30 Hrs.
2. The tender should be dropped in the tender box placed in the O/o E.D (LD), SLDC, CSPTCL Raipur for this particular tender. In case, the tender is sent through post / courier, it will be responsibility of the bidder to drop / get dropped the tender in the tender box. Receipt of tenders shall not be given in any case. The tender should be dropped before or up to 3:00 pm on due date of submission. The due date of submission of tender is **23/12/2021 till 3:00 p.m.** and date of opening of tender is **23/12/2021 at 15:30 Hrs.** in the O/o E.D. (LD), SLDC, CSPTCL, Raipur. Tender box shall be sealed at 15:00 on **23/12/2021** and in no case tenders shall be allowed to be dropped after 15:00Hrs.
3. **SUBMISSION OF BIDS:**
  - (a) The tender / bid shall be submitted in three (3) parts. All the three parts shall be submitted in three separate sealed envelopes, with proper superscription on each envelope as under: -
    - i. **Part I** - **Earnest Money Deposit** (with details of deposited EMD).
    - ii. **Part II** - **Techno-commercial Bid**
    - iii. **Part III** - **Price Bid**

Further, each envelope shall be superscribed with the name of work, tender specification number, due date of opening, name and address of tenderer and shall be addressed to "**The Executive Director (LD), SLDC, CSPTCL, RAIPUR**". These three envelopes duly sealed and superscribed are to be kept in one bigger main envelope. This envelope should be sealed and superscribed properly, stating that it contains tender in three separate parts, tender specification number, due date of opening, name and address of the tenderer.
  - (b) All the three parts shall be in properly stapled / tagged envelope sets.
  - (c) These three envelopes duly sealed and superscribed are to be kept in one bigger main envelope. This envelope should be sealed and superscribed properly, stating that it contains tender in three separate parts.

In addition, tender specification number, due date of opening, details of EMD,

name and address of the tenderer should invariably be superscribed on the main envelope. It should be properly addressed to this office.

**In case any irregularity is found upon opening of the main envelope in respect of submission of bids as desired, the offer is liable for rejection.**

d) The complete bid as above shall be submitted by the tenderer, latest by the closing time and date as notified, in the office of **THE EXECUTIVE DIRECTOR(LD), SLDC, CSPTCL, RAIPUR-492013.**

e) **CONTENTS:** Contents of the three parts of the tender/bid shall be as under: -

I) **Part-I (Earnest Money Deposit):** - EMD for requisite amount strictly in the form indicated under **point-8** of these instruction along with covering letter indicating credentials of the tenderer. Bank Guarantee and Cheque are not acceptable for EARNEST MONEY. No interest will be paid on the Earnest money deposited.

II) **Part II - (Techno-commercial bid):** - It shall contain

1. Commercial Information **Annexure-I**
2. Undertaking by tenderer as per **Annexure-II**.
3. Undertaking by the tenderer for acceptance as per **Annexure-III**.
4. Questionnaire **Annexure-IV**.
5. Agreement on non-judicial stamp paper worth Rs. 250/- with a revenue stamp of Rs.1/- affixed on it for Pre-Contract Integrity Pact as per **Annexure-VII**. The cost of stamp paper etc. shall be borne by the contractor.
6. Duly filled 'Questionnaire along with documentary evidences mentioned therein, as per status of the tenderer.
7. Duly filled Guaranteed technical Particulars as per Section-V
8. Latest Income Tax clearance certificate.
9. Past experience details, documents, certificates.
10. Copies of Profit & Loss account/Balance sheet for last Three year.
11. List of technically qualified personnel.

III) **Part III - (Price Bid):** -

Price bid as per **Schedule-III** to be submitted.

#### **4. DATE AND TIME OF OPENING OF BIDS:** -

Tender shall be opened on the due date and time as notified, in the presence of the tenderer or their authorized representatives, who may be present.

If due date of opening is declared as holiday by the Govt. or local administration, it will automatically get shifted to the next working day, for which no prior intimation shall be given.

It may please be noted that the due date / time of opening can be altered, extended, if desired by the CSPTCL, without assigning any reason thereof. However, due intimation shall be given in such a case.

**5. OPENING OF PART-I AND PART-II: -**

First envelope containing Earnest Money shall be opened on the due date and time. After verification about submission of EMD in proper manner, Part II (Techno-commercial bid) shall be opened.

**6. PROCESS OF EVALUATION OF TECHNO COMMERCIAL BID AND OPENING OF PART-III: -**

After opening of Part-II, it shall be scrutinized and clarification shall be sought on techno commercial matter, if required. However, there will be only one chance given for submitting clarification / any additional information against the tender. No further correspondence will be made.

**In case, clarification is not submitted by the tenderer within the specified time, the CSPTCL, reserves the right not to open the price bid of such tenderer.** Further, in case, it is found that in spite of clarifications on techno-commercial matters, the offer does not come to a desired level, the CSPTCL, at its discretion may not open the price bid.

**Tenderer shall therefore, have to ensure that their tender / bid is in conformity with the CSPTCL's tender specifications.**

The date of opening of part-III (Price Bid) shall be notified to the bidders **whose bids are found to be commercially & technically acceptable.** CSPTCL's decision shall be final & binding on the tenderer.

**Tenderer to please note that: -**

- (a) Tender is to be submitted strictly in accordance with the tender specification, terms and conditions laid down in tender documents
- (b) Submission of the tender by the tenderer implies that he has read and accepted the instruction, terms and conditions for the contract etc. and made himself aware of the particulars of the works / jobs to be done, site conditions and other factors having / bearing on execution of the work.
- (c) Canvassing in any form is strictly prohibited and tenderer found to have resorted to canvassing shall be liable to have his tender rejected summarily.
- (d) If the tenderer deliberately gives wrong information in his tender to create circumstances for acceptance of his tender the CSPTCL reserves the right to reject such tender at any stage.

- (e) Tender documents are not transferable.
- (f) Not more than one tender for the work shall be submitted by one contractor or one firm of contractors.
- (g) All documents of the tender submitted shall bear full dated signature with seal of the tenderer at the foot of every page on right hand corner as a token of acceptance of the terms and conditions of tender.
- (h) Tender, which is incomplete, obscure, irregular or is only for part of the work schedule is liable to be rejected.
- (i) Telegraphic / telex / fax offers shall not be entertained.
- (j) The CSPTCL shall not be liable for any expenses incurred by the tenderer in preparation of tender, whether his tender is accepted or not.
- (k) Tender cost is not refundable.
- (l) The tender should be written legibly and free from errors, over writing and corrections. Any corrections, which are unavoidable, shall be made by crossing out and re-writing with dated signature.
- (m) Conditional tenders are liable to be rejected.
- (n) The tender shall contain the name, residence and place of business of person or persons submitting the tender. **All signatures shall be dated.**
- (o) The tenderer shall have to ensure that documents are available with them in time and similarly bid is submitted as per schedule. CSPTCL shall not assume any responsibility for any unforeseen postal delay either for the receipt of document by tenderer or late receipt of bids by CSPTCL. No extension in time shall be granted on such grounds.
- (p) CSPTCL will not be responsible for delay on any account in respect of receipt of tender documents/submission of earnest money. If the tender documents/earnest money is received after the specified date and time due to postal delay or otherwise whatsoever the tender will not be considered and will be returned to the tenderer unopened.
- (r) The tenderer would be bound by the terms and conditions and specification as given therein offer and in the attached schedule.
- (s) **The CSPTCL reserves the right: -**
  - i) To reject any or all tenders or to accept any tender considered advantageous to the Trans Co. whether it is lowest tender or not; and
  - ii) To split the quantities against the tender on more than one firm for the same items / works. No reason will be assigned by the CSPTCL for these and will be binding on the tenderers.
- (t) In case of correction done in the tender, the tenderer should initial the same otherwise the tenders may not be considered.
- (u) All the Tenderers shall essentially indicate the break up of prices as shown in the tender form. In case any of the charges are not included in the quoted price, the same shall be clearly shown as "Extra" indicating specifically the rate / scale of

such charges.

- (v) The terms and conditions mentioned in tender specification shall be binding on the tenderer and no condition or stipulation contrary to our condition shall be applicable.
- (w) Please note that the Tenderers who did not accept terms and conditions stipulated in this tender specification their offers are liable to be out rightly rejected without assigning any reason whatsoever.

7. **VALIDITY:** -

Full descriptive particulars Literature & Drawing complete specification should accompany the tender. Offers should be kept open for acceptance for at least 120 days from the date of opening. Those who do not agree for a validity of 120 days will do so at their own risk and no request for extension of the offer will be given from this office, However, due to circumstances beyond control, the tenderer will be allowed to extend validity but they shall not be permitted to revise their rates, offer any rebate or concession while extending the validity which may materially result in any reduction / increase in the computed price of their original offer.

8. **EARNEST MONEY:** -

Each tenderer should submit an earnest money deposit of Rs. 48,000/- (Rs. Forty Eight Thousand only) prior to submission of quotation in a separate envelope. The tenders not accompanied with earnest money will summarily be rejected.

**Form of Earnest Money Deposit:** - The Earnest Money Deposit can be furnished in the form of Demand Draft on a scheduled bank at Raipur made payable to the Manager (RAO-H.Q.), CSPTCL, Raipur. Offer accompanied with inadequate Earnest Money will be rejected and returned unopened.

**Submission of Earnest Money Deposit:** - A separate envelope containing the earnest money or a certificate in support of claim for exemption from this should be attached with your offer duly superscribed Earnest Money Deposit in appropriate form against “Tender Specification No. 03-02/SLDC/TR-177 Raipur, dated / / due on 23/12/2021 at 15:30 Hrs., Tender for SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF Windows Domain Controller Servers , NMS, Anti Virus, Workstation and Switches at Main SLDC, Raipur.” Following are exempted from payment of Earnest Money: -

- a) Fully owned State / Central Govt. units.
- b) Tenderer having Permanent EMD with CSPTCL.

The Tenderer, who fall under above categories, should furnish documentary evidence with Part - I of the Tender.

**Forfeiture of Earnest Money Deposit:** - It should be clearly understood that in the event of tenderer failing to accept and execute the telegraphic and detailed orders, if it is placed within the validity period of the offer, the full amount of earnest money will be forfeited and Board's decision in this respect will be final and binding on the tenderer.

## **9. AUTHORISED SIGNATORY FOR THE TENDER**

- (A) If the tender is being submitted by a proprietary concern, it shall be signed by the proprietor only.
- (B) If the tender is submitted by the firm, it shall be signed by the partners unless otherwise authorized by the deed of partnership, in which case necessary power of attorney, authorizing a person to sign the tender should be furnished. True copy of the partnership deed shall also be furnished under part-II (Techno-commercial bid) along with Power of Attorney.
- (C) If tender is submitted on behalf of company, registered under company Act it shall be signed by the person duly authorized to submit the tender on behalf of the company and shall be accompanied by the certified true copies of the resolution extract of articles of associating special or general power of attorney and designation of person signing the tender on behalf of the company.

## **10. AMENDMENT IN SPECIFICATIONS / SCHEDULES:**

CSPTCL may revise or amend specifications / schedules of work prior to the date notified for opening of the tenders. Such revision / amendment, if any will be communicated to all tenderer as amendment / addendum to the invitation of the tenders.

## **13. BIDS RECEIVED BY MESSENGER:**

When tender is delivered by a special messenger, it should be deposited in the tender box kept in the office of **THE EXECUTIVE DIRECTOR (LD), SLDC, CSPTCL, RAIPUR** on all working days between 11:00 to 15:00 hours only. For tenders deposited in the tender box through messenger, no receipt shall be issued.

## **14. DELAYED / LATE BIDS:**

- (A) The tenderer shall have to ensure that tender documents are available with him in time and similarly see that completed tender is submitted before scheduled date and time. CSPTCL shall not assume any responsibility for any unforeseen postal delay either for the late receipt of documents by the tenderer or late receipt of bids by CSPTCL, No extension in time shall be granted on such grounds.
- (B) Tender received after due date and time of submission will not be accepted on any pretext, even though the process of opening and reading of offers is not completed. Tenders received late shall be returned to the tenderer in unopened condition. No further correspondence in this respect shall be entertained.

## **15. MISTAKES IN BIDS:**

Any variation in rates on any grounds such as mistakes, overwriting, misunderstanding etc. will not be allowed.

## **16. BASIS FOR RATES:**

Rates are to be quoted on the basis as desired in the tender documents. Rates quoted shall be **FIRM** for the total period of contract. However, if desired before submission of tender offer, it is advised to visit Main SLDC, RAIPUR for better understanding of the quantum of work involved and requirement of additional tools & tackles etc.

**17. ACCEPTANCE OF PART / WHOLE BIDS:**

CSPTCL reserves the right to accept / reject wholly or partly any or all the tenders without assigning any reason whatsoever. No correspondence in this respect shall be entertained by the CSPTCL.

**18. AMBIGUITIES IN CONDITIONS OF BID:**

In case of ambiguous or self-contradictory terms / conditions in the bid, interpretation as may be advantageous to the CSPTCL, may be taken without reference to the tenderer.

**19. DISQUALIFICATION OF BID:**

A bid which gets open before the due date, as a result of improper or no indication / superscription on the main cover of the tender, to indicate that it is a tender, will be disqualified. Tenderer will not be permitted to change the substance of his tender, on grounds of post tender interpretation / improper understanding. This includes post-tender changes in price / rate and modification etc. after opening of price bids. In such event, tender will be liable for rejection.

**20. LOCALITY OF WORK:**

By Submitting a tender for the work, a tenderer will be deemed to have satisfied himself by actual inspection of site and locality of the work and ensure that rates quoted by him in the tender will be adequate to complete the work in all respects according to the specifications and other conditions and that he has taken into account all condition & difficulties that may be encountered during its progress whether or not explicitly provided in the tender documents but necessary for proper completion of the work to the entire satisfaction of Engineer-in-charge.

**21. EXTREMELY IMPORTANT ( Bidders to note this to avoid rejection of bid ) –**

It will be the sole responsibility of the sole bidder / partners of joint venture (JV) / consortium bidder to make sure that all the documents required as per tender are submitted along with bid on or before due date of tender. The bid submission date is cut-off date for submission of all the documents required as per tender and every bidder must adhere to this dead line.

However, if any shortcoming is observed during scrutiny of TC bid, CSPTCL reserves the right to seek required documents / clarification / confirmation within specified time limit.

If the bidder has quoted “NIL” deviation in the in Schedule-I (Technical deviation) and Schedule-II (Commercial deviation), this will have an overriding effect on any other condition noted as deviations elsewhere in the bid.

**SECTION – II**

**GENERAL TERMS**

**AND**

**CONTIONS OF THE CONTRACT**



## **GENERAL TERMS AND CONDITIONS OF CONTRACT**

### **1. DEFINITION OF TERMS:**

**CSPTCL:** The 'CSPTCL' shall mean 'CHHATTISGARH STATE POWER TRANSMISSION CO. LTD.' incorporated on 19<sup>th</sup> May 2009 under the companies Act, 1956.

**ENGINEER IN CHARGE:** It shall mean the Engineer of the CSPTCL, who is appointed by CSPTCL's authority as Engineer-in-charge for the purpose of this contract.

**CONTRACTOR:** 'Contractor' shall mean person, firm or company, who's tender has been accepted by the CSPTCL and shall include his heirs, executors, administrators and assigns.

**WORK:** The expression 'Work' or 'Works' shall there be something either in the subject or context repugnant to such construction be continued to mean work undertaken, whether temporary or permanent and whether original, altered, substituted or additional.

**CONTRACT:** 'Contract' shall mean and include the tender notice, instructions to the tenderers, general and special conditions of contract, work schedules, under-taking by the tenderer, questionnaire, experience details furnished, all documents and letter submitted by the tender, letters issued by the CSPTCL, letter of intent issued by the CSPTCL, detailed Work Order and subsequent amendments to it and the agreement to be entered into as per conditions of the contract.

### **2. CONTRACTOR TO INFORM HIMSELF:**

The contractor shall be deemed to have carefully examined the instructions to the tenderers, these general conditions of contract, special conditions of the contract, Work schedule of this tender document and also have to be satisfied as to the nature and character of the work to be executed, site conditions and other relevant matter and details. Any information thus had or otherwise obtained from the undersigned shall not in any way relieve the contractor from his responsibility for executing the work items / jobs in terms of the specification including all details and incidental work. In case of any doubt as to the meaning of any portion of the tender documents, he shall put forth the particulars thereof and submit them to the office of **THE EXECUTIVE DIRECTOR(LD), SLDC, CSPTCL, RAIPUR** in writing for clarification before the due date of submission of tenders.

### **3. SECURITY DEPOSIT:**

On acceptance of offer, the successful bidder will be required to deposit 10% amount of the contract price as security deposit within 15 days of the receipt of work order in any of the following form for due performance and observance of terms and condition of contract, failing which the contract may be cancelled:

- a) FDR / Demand Draft In favor of **The Manager (RAO: HQ), CSPTCL, Raipur** drawn on any Nationalized / Scheduled Bank payable at Raipur.
- b) Bank Guarantee in lieu of cash deposit from a Nationalized / Schedule Bank strictly as per CSPTCL Proforma (to be supplied along with the order). This bank guarantee shall be kept valid for a period of contract plus claim period of six months.

In case of firm registered under Small Scale Industries with Chhattisgarh State, the Security Deposit shall be applicable @ 5% of amount of the order after submission of copy of the valid registration of the firm in Small Scale Industries department.

NO interest shall be paid by CSPTCL on the security deposit.

In case of non-fulfillment of contractual obligations by the contractor the security deposit shall be forfeited.

The security deposit shall be released only after successful completion of contract period and after issue of No dues Certificate by Engineer-in-charge.

**FORFEITURE OF SECURITY DEPOSIT:-** In the event of contractors committing a breach on any of the terms & conditions laid down in the contract at any time for enforcement in their duties, the Company may forfeit security deposit and cancel the order by giving notice in writing in this behalf. Any dispute arising out of this contract is to be referred to the undersigned whose decision in the matter shall be final and binding on contractor.

**4. EXECUTION OF AGREEMENT:**

The contractor will execute an agreement on non-judicial stamp paper worth Rs. 300/- with a revenue stamp of Rs. 1/- affixed on it, as per the proforma enclosed with this tender document. The cost of stamp paper etc. shall be borne by the contractor. The agreement is to be executed within 15 days from the date of order for execution of contract.

**5. DELIVERY PERIOD:**

The delivery period will be **TWO MONTHS** from **date of order** as mentioned in the schedule.

**6. CONSIGNEE:** The consignee of material shall be The Executive Engineer (E&M), O/o the Executive Director(LD), SLDC, CSPTCL, Raipur, Chhattisgarh – 492013.

**7. PENALTY FOR LATE DELIVERY :**

A minimum penalty of  $\frac{1}{2}$  % per week for the unsupplied portion will be deducted from the bill of the contractor.

The CSPTCL shall be entitled to forfeit the Security Deposit or the balance thereof that may at the time be recoverable and to realize any further sums as damages from any sums due to the contractor by the CSPTCL, from any breach of the terms and conditions of the contract.

**8. CONTRACTOR'S LIABILITY FOR LOSS, DAMAGE, ACCIDENT ETC:**

The contractor shall indemnify and save the CSPTCL against all actions, suits, claims, demands, cost of expenses arising in connection with injury suffered prior to the date, when work shall have been taken over by person employed by the contractor / his sub-contractor on the works whether under the general law or under the Workmen's Compensation Act 1923 or any other statutory provision in law in force, dealing with the question of the liability of the employer and shall take steps to ensure against any claim there under.

On the occurrence of any accident, which may result in death of any such workman (fatal accident), the contractor within 24 hours of happening of such accident, intimate in writing to the Engineer-in-Charge, the facts of such accident. The contractor shall

indemnify the CSPTCL against all loss or damage sustained by the CSPTCL resulting in direct penalties/fine/if any, payable by the CSPTCL as consequence of the CSPTCL's failure to give notice under Workmen's Compensation Act or otherwise to confirm the provisions of the Act in regards to such accidents.

In the event of any claim being made or action brought against CSPTCL and arising out of the matter referred to and in respect of which the contractor is liable under this clause, the contractor shall be immediately notified thereof and he shall with the assistance of the CSPTCL (if so required), but at the sole expense of the contractor conduct all negotiations for settlement of the same or / and litigation that may arise therefore. In such case the CSPTCL shall afford all available assistance for any such purpose, at the expenses of the contractor.

In the event of an accident, in respect of which compensation may become payable under Workmen's Compensation Act, 1923, whether by the contractor or by the CSPTCL as principal employer. It shall be lawful for the Engineer-in-Charge to retain amount of money as may in his opinion shall be final in regard of all matters arising under clause.

The amount of all cost, damage or expenses or other sum, which under this or any other contract, due to contractor or if payable by the CSPTCL, may be deducted by the CSPTCL from any money due or becoming due to the contractor or recover the same by ordinary process of law.

## **9. LAWS AND REGULATIONS:**

The contractor shall be responsible for the compliance of all statutory obligations under the Factory Act, Contract Labour (Regulation & Abolition) Act, Contract Labour (Regulation & Abolition) Rule 1973, Minimum Wages Act, Payment of Wages Act or any other law imposed by the Government. It will be responsibility of the contractor to maintain various registers records required under various Acts and have to produce the same to the Engineer-in-Charge or to the inspection authorities of the Government, on demand at any time.

The labour engaged by the contractor shall be bound by the provisions of the legislation whether Central or State, as in force operative in the State of Chhattisgarh, in case of any default on the part of contractor or his agent of any to the provisions of such laws. If the CSPTCL is required to incur any expenditure, liabilities arising there from; CSPTCL may deduct and recover the same out of any sum due or becoming due to the contractor in respect of this contract. The decision of the CSPTCL that any sums have become payable hereunder and the amount, which has become payable shall be final and binding on the contractor.

If any penalty is imposed on occupier / factory manager due to non compliance of factory rules and labour laws, the payment of the same shall have to be made by contractor.

As per requirement of contract-Labour (Regulation and abolition) Act 1970 and its modification till date the contractor will have to maintain certain Register and records giving particulars of the contract, Labour employed, the nature of work performed by the contractor, the rates of wages paid to contract Labour etc.

## **10. MINIMUM WAGES:**

The contractor shall pay not less than minimum wages to the labours engaged by him on

the work. Minimum wages means the wages prescribed by the State or labour department of the district or place in which work is to be done. The contractor will ensure that labours engaged by his sub-contractors are not paid less than minimum wages.

The Engineer-in-Charge shall have the right to deduct any some of from money due to the contractor for making good the loss suffered by a worker / workers by reason of non-fulfillment of the conditions of the contract for the benefit to the workers, non-payments of wages or deduction from his or their wages, which are not justified by their terms of contract or non-observance of the regulations.

The contractor shall primarily be liable for all payment to be made under and for the observance of the regulation aforesaid without prejudice to his right to claim indemnity from his sub-contractors.

The regulation shall be deemed to be a part of the contract and any breach there of shall be deemed to be the breach of contract. The contractor shall disburse the wages to his workers within the time limit prescribed under the provisions of payment of Wages Act 1936 or any other similar law in force as amended upto date.

#### **11. IDLE LABOUR:**

No compensation will be paid by the CSPTCL for the idle labour or equipment of the contractor and no claim in this respect will be entertained.

#### **12. DEATH, BANKRUPTCY, BREACH OF CONTRACT:**

If the contractor dies or become insolvent or is bankrupt or receiving order made against him or compound with or make any proposal for carrying on his business under inspection or for the benefit of his creditors or commit an act insolvency or bankruptcy or being a corporation pass a resolution or be ordered to wound up or have receiver of its business appointed, or commit a breach of contract, CSPTCL shall be entitled forth with by writing to the contractor or his assigns or legal representative to determine the contract and the CSPTCL may in the event complete the contract in such time and manner and by such persons as the CSPTCL shall think fit at the risk cost and liability of the contractor.

#### **13. SUBLETING OF CONTRACT:**

The contract as a whole or any part thereof shall not be assigned or sublet, without written permission of the CSPTCL or its authorized nominee. In case, such permission is granted, it shall under no circumstances recognize the sub contractors and responsibility of executing the work according to the specifications shall entirely rest with the principal contractor.

#### **14. WORKS TO BE OPEN TO INSPECTION:**

All works under or in course of execution or executed in pursuance of the contract, shall be at all time be open for inspection and supervision of the Engineer-in-Charge and his subordinates, and the contractor shall at all times during the usual working hours and all other times at which notice of the intention of the Engineer-in-Charge or his sub-ordinate to visit the works shall have been given to the contractor, either himself be present to receive order and instructions or make responsible agent duly accredited in writing be present for the purpose. Order given to the contractor's agent shall be considered to have the same force as if given to the contractor himself.

**15. COMPENSATION UNDER WORKMEN'S COMPENSATION ACT:**

In every case in which by virtue of the provision of Section 12, sub section (1) of the Workmen's Compensation Act 1923, CSPTCL is obliged to pay compensation to workmen employed by the contractor in execution of the work, CSPTCL will recover from the contractor, the amount of the compensation so paid without prejudice to the right of the CSPTCL under section 12 sub section (2) of the said Act. The CSPTCL shall be at liberty to recover such amount or any part hereof by deducting it from the Security Deposit or from any sum due by the CSPTCL to the contractor against it under section 12 subsection (1) of the said Act, except on the written request of the contractor and upon his having given to the CSPTCL full security for all costs for which the CSPTCL might become liable in consequence of contesting such claim.

**16. P.F. CONTRIBUTION:**

As per the statutory obligation under labour laws & P.F. rules contractor will have to furnish P.F. / EPF contribution in respect of staff engaged by him.

**17. PRICES:**

The prices should be FIRM and quoted in the relevant column. Bidder will consider Input tax credit while quoting the rates. The charges of taxes, insurance (if any), and other charges are also to be intimated separately. No additional amount is payable for working on Holiday / Additional hours if any.

**18. TERMS OF PAYMENT:**

Payment shall be made after submission of bills in quadruplicate (4 copies) and shall normally be paid within a period of about 30 (thirty) days from the date of receipt of bills after deducting the statutory levies and other deductions, if any and duly certified by the Engineer-in-Charge. **GST registration no. of CSPTCL is 22AADCC5773E1ZX.** The Payment will be done on actual measurement basis. **The contractor will mention both his GST registration no. & CSPTCL registration no. in the invoices presented for payment.** The contractor shall have no claim or reason to stop work if payment is delayed. No interest on overdue payment shall be made under any circumstances.

**19. INCOME TAX:**

Income tax (At the rate applicable during the currency of contract) shall be recovered from the firm's invoice as per prevailing rule.

**20. GOODS & SERVICES TAX:**

It will be the responsibility of the contractor to obtain GST registration. Rate should be quoted exclusive of GST. The GST will be quoted & paid separately. The rates of GST as applicable on date will be paid.

Firm has to submit copy of PAN card to determine whether the firm is a company or not. If exempted from payment of GST, the firm has to submit affidavit to that effect on non-judicial stamp paper.

**21. OTHER TAXES / DUTIES:**

Any other taxes or duties become payable, the same shall be quoted separately.

**22. INCREASE / DECREASE IN QUANTITY:**

SLDC reserves the right to increase / decrease the quantity upto 50%.

- 23. APPROVAL:** Modification & Alteration in the system shall have to be got approved from Engineer-in-Charge as per the requirement of site before commencement of the work.

**24. NODAL OFFICER:**

The Executive Engineer (E&M), SLDC, CSPTCL, Raipur will be Nodal officer & The Assistant Engineer (E&M), SLDC, CSPTCL, Raipur will be Engineer-in-Charge for above works.

**25. SUBMISSION OF BILLS:**

All bills shall be submitted in quadruplicate to the O/o E.D. (LD), SLDC, CSPTCL, Raipur.

**26. SAFETY MEASURES:**

To avoid any undesirable incidence: -

- a. Only trained and experienced person on relevant field / work may be deputed to carry out the work under direct supervision of engineer-in-charge.
- b. As the work is to be carried out in the SLDC, contractor shall be fully responsible for observing the security / safety rules and maintaining the required discipline during the contract period.
- c. As this work is to be carried out in the protected area, it should be ensured that there is no damage to any of the erected equipment / appliances etc.

**26. RISK COVERAGE:**

The work shall be carried out on the full risk and cost of contractor and CSPTCL will not be responsible for any kind of risk coverage arising during / arrived out to execution of work.

**27. LIEN UPON THE PREMISES:**

The contractor or his staff is allowed to work at the premises of the SLDC CSPTCL, but the contractor will have no right of lien whatsoever upon the premises and the contractor and his workers will move out of the premises as per instruction of the SLDC CSPTCL.

**28. JURISDICTION:**

Any dispute of difference, arising under out of or in connection with this order shall be subject to exclusive jurisdiction of competent court of Raipur (CG) only.

**29. MISCELLANEOUS:**

Any changes due to change in policy announced by the State / Central Govt. will be applicable and shall be binding on the contractor for which no separate charges will be payable.

**30. ARBITRATION:**

If at any time, question, dispute or difference, whatsoever arises between the CSPTCL and the Contractor upon, or in connection with or in relation to the contract, either party may forth with give to the other notice in writing of the existence of such question, dispute or difference and the same shall be referred to the adjudication of two arbitrators, one to be nominated by the CSPTCL and the other to be nominated by the Contractor, or in case of the said arbitrators not agreeing, then the adjudication of the Umpire to be appointed by the arbitrators, whose decision shall be final and binding on the parties and provisions of the Indian Arbitrator Act 1940, and of the rules hereunder and any statutory modifications thereof shall be deemed to apply. The Arbitrators or the Umpire, as the case may be, are bound to give a detailed speaking award assigning for the findings.

Works under the contract shall be continued by the contractor during the arbitration proceedings unless, otherwise, directed in writing by the CSPTCL or unless matter is such that the work cannot possibly be continued unit the decision of the arbitrators or the umpire, as the case be, is issued.

**31. EXTENSION ORDER:**

In the event of an order being placed on tenderer, the tenderer is requested to give his concurrence to accept additional order on the same rate, terms & conditions, if the extension order is placed by the Trans. Co. within six months from the date of acceptance / placement of order. In case before placing of extension order new tender is opened and its rate is lower than the previous order rate than extension order will be placed on the new tender rate.

**Executive Director (LD),  
SLDC, CSPTCL, Raipur**

**SECTION – III**

**SPECIAL CONDITIONS**

**OF**

**CONTRACT**



## **SPECIAL CONDITIONS OF CONTRACT**

### **1. INTRODUCTION PLACE:**

The State Load Despatch Centre is located at Dangania, Raipur. The State Load Despatch Centre is at a distance of about 5 Kms. from Raipur Railway Station, which lies on Howrah - Mumbai main line of SEC Railway.

### **2. QUALITY AND SCOPE OF WORK:**

The quality of work should be up to the national / International standards for maintenance in respect of each job / work.

### **3. T & P INSTRUMENT, ZIGS & FIXTURES:**

Tools, tackles, material handling, measuring instruments, gauges etc. which normally are required for the jobs will be arranged by the contractor on his own.

### **4. ESTIMATED TIME FOR JOBS:**

The contractor shall be required to complete jobs within indicated time only. In case the contractor fails to comply time schedule given or complete any job in the time schedule conveyed by the Engineer-in-Charge, necessary penalty may be levied for poor performance.

### **5. LOSS & DAMAGE TO CSPTCL'S PROPERTY:**

Loss and damage to CSPTCL's property during the work due to negligent working shall be recoverable from the contractor.

### **6. SAFETY APPLIANCES:**

All the safety appliances required by the workers of the contractor as requisite to the job and as per provisions in the Factory Act shall be arranged and provided by the contractor. If safety rules are not complied with, action will be taken in accordance with clause-III, sub - clause - 1C & 2 of Factory Act. 1948.

In case any penalty is imposed on the CSPTCL due to non-compliance / observance of safety rules or improper /no use of safety appliances by the contractor's labour, the same shall be paid by the contractor himself. If the contractor fails to pay the same, the amount will be deducted / adjusted from contractor's any bill / amount pending with the CSPTCL.

### **7. WATCH AND WARD:**

Contractor shall be fully responsible for the safety of the equipments, assemblies, tool and tackles etc.

### **8. SLDC SECURITY:**

The security rules enforced by CSPTCL's security department shall be honored by the contractor as well as by his staff. A list of persons engaged and related to the work will be submitted by the contractor in order to issue temporary identity cards, which must be returned, if the person leaves the job or the contract gets completed.

**9. STAFF AND LABOUR:**

- a) Persons below the age of 18 years shall not be deployed on the jobs.
- b) No children of workers will be allowed inside the SLDC premises.

**10. ACCOMODATION AND TRANSPORTATION:**

CSPTCL will not provide or arrange any accommodation and transport facility to the contractor and his staff. The contractor shall have to make his own arrangements.

- 11. Any letter sent by the CSPTCL on the last known postal address as mentioned by the contractor in his tender or subsequent letter will be treated as "RECEIVED" and the CSPTCL will not be responsible for any change in address made by the contractor without prior & proper intimation to it.**
- 12. Regarding quality of work and observance of contractual terms & conditions, CSPTCL's decision will be final and binding on the contractor.**

**SECTION - IV**

**TECHNICAL SPECIFICATION**

**&**

**SCOPE OF WORK**

## **OVERVIEW**

The State Load Despatch Centre is an apex body to ensure integrated operation of the power system in the State of Chhattisgarh such as disciplined power grid operation in real time & its control, optimum scheduling and despatch of electricity within the State etc. SLDC is equipped with state of art Information Technology and various networks such as SLDC Intranet, Internet, SCADA system Network, General Office network etc. These networks and various elements in these network are inter-connected in a secured manner with user level, network level, administrator level, Application, node level etc. Real Time Data network such as SCADA network equipped with 2 level firewall system i.e. one for Most Secured critical internal network (SCADA intranet) and the other for prevention from outside world i.e. via internet.

The firm will be responsible for supply, installation, implementation & integration of Windows servers, Workstation and switches at Main SLDC, Raipur and shall be responsible for configuration of the equipment according to the associated networks, hardware & software. The configuration of all network traffic monitoring through NMS and domain creation and integration with existing architecture.

The detailed specification of the hardware to be procured under this tender are as under.

### **A. Detail Specification of Servers:-**

Make - HP, Dell, IBM, CISCO

Number of processors—Two nos. of Intel E5-2600V4 processor or better Intel Architecture

Processor core -	8 core for each processor & Processor cache20MB L3 or better
Chipset	- Intel® C610 Series Chipset
Expansion Slots	- PCIe 3.0 Minimum 3 nos.
Processor speed	- 2.1 Ghz or better
Form factor	- 1U/2U
Form factor chassis	- Rack
Memory	- 64 GB DDR4 Memory
Memory slots	- 24 DIMM slots or better
Memory type	- DDR4 Memory
Drive description	- LFF SAS/SATA/SSD or better 600 GB in RAID-1
Optical Drive	- DVD ROM, SATA, Internal

System fan features	-	Hot plug redundant standard
Graphic card	-	Integrated graphic controller or better
Network Controller	-	4 X 1Gb Ethernet Network Controller.
Storage controller-		Array Controller supporting up to 10 drives
Chassis and power supply	-	Server chassis having redundant hot swap power supply with minimum 5 hot swap drive bays for HDD
Remote management	-	Management of the server over LAN, WAN with SSL encryption, virtual media license and KVM over IP
Accessories	-	The server should be supplied along with software utilities for system configuration, OS installation and system information, cables, user manual, rack mount kit. Driver software for all the adapters as per the configuration and required operating system
Warranty	-	3/3/3 - Server Warranty includes three years of parts, three years of labor, three years of onsite support coverage.
Operating System	-	Windows Server 2019 Standard Edition with 2 Hyper-V containers and all physical cores in the server licensed.

## **B. Detail Specification of Network Switch:-**

Make - HP, Dell, IBM, CISCO

24G, 4SFP with two interface slots switch having following key features-

1. Scalable with 10 Gigabit uplinks and with up to 160 Gbps stacking bandwidth with dual power supply
2. 40G QSFP+ ports for uplink or stacking with complete IPv4/IPv6, Open Flow and MPLS/VPLS features
3. Four convenient built-in SFP+ 10GbE

## **C. Detail Specification of Workstation:**

Make - HP, Dell, IBM, CISCO

Number of processors—One nos. of Intel Core i5-11500 processor or better Intel Architecture

Processor core -		6 core processor & Processor cache 12MB upto
Processor speed	-	4.6 Ghz or better
Form factor	-	SFF with 260W up to 85% efficient
Memory	-	8 GB DDR4 UDIMM non-ECC Memory
Memory slots	-	4 UDIMM slots or better
Memory type	-	DDR4 Memory
Drive description	-	M.2 PCIe Boot SSD (11th Gen Intel CPU) or better 1TB PCIe NVMe Class 40 M.2 SSD
Optical Drive	-	DVD
Graphic card	-	Radeon Pro WX 2100 2GB LP (1 DP, 2 mDP to DP adapters) or better
Network Controller	-	2 X 1Gb Ethernet Network Controller.
Accessories	-	The workstation should be supplied along with software utilities for system configuration, OS installation and system information, cables, user manual. Driver software for all the adapters as per the configuration and required operating system
Warranty	-	3/3/3 - Workstation Warranty includes three years of parts, three years of labor, three years of onsite support coverage.
Operating System	-	Windows 10 Pro (64-bit) for workstation English.
Display	-	21 inches LED, Maximum Preset Resolution-1920 x 1080 at 60 Hz, Aspect Ratio-16:9, Connectors-1 X VGA, 1 X HDMI
Keyboard	-	US International (English) - Black.
Keyboard	-	USB Optical mouse Black

#### **D. Detail Specification of NMS Software:**

- 1 NMS License should be device based. The product shall support for software fixes and upgrades till the life of the product.
- 2 Must be licensed for Management & Monitoring at least 200 nos. of devices.
- 3 Must be licensed for Configuration download of at least 200 nos. of devices.
- 4 Should provide the following features
- 5 Network mapping and discovery software using layer 2/ Layer 3 protocol for minimum 200 devices.

- 6 Integrated Performance Information, from single interface  
Should provide the following minimum features:
- 7 Discovery Features:
  - 7.1 Support for SNMP v1-3, IPv4 & IPv6 including dual stack IPv4/IPv6 address range, SNMP Smart scan, hosts file
  - 7.2 Scheduled discovery scans & Web-based discovery
- 8 Mapping Features:
  - 8.1 Automated map creation
  - 8.2 Customizable topology maps
  - 8.3 Multi-level topology views
- 9 Monitoring Features:
  - 9.1 SNMP v1-3, SSH and WMI support
  - 9.2 Real-time monitoring of network links and devices with historical reports for various periods.
  - 9.3 Able to support instant diagnosis of the node status through Ping, SNMP WaLk / Mib walker, Telnet, SSH, Trace route and Remote Desktop
  - 9.4 It shall support SNMP v1-3, WMI application, SSH, JDBC, HTTP, JMX, collectd, ns++ for monitoring various type of devices
  - 9.5 Wireless Infrastructure Monitoring, Alerting and Reporting
  - 9.6 Custom monitoring with Jscript, VBScript or Python Script and others
  - 9.7 Threshold monitoring (Performance, Passive)
  - 9.8 Blackout period to suspend specific actions during the scheduled period of time
  - 9.9 Management Console with reporting tool, Alerts Notification and Multilevel escalation notification
    - 9.1 Secured Web and Windows based management console of NMS
    - 9.11 Alert Center for centralized alerts/notifications escalation management.
    - 9.12 Able to send alert happened via E-mail, Direct SMS, Execute Batch file, SNMP Trap, XML notification, Pop-up window and Audio alert
    - 9.13 Configurable Alert and Notification escalation policies
    - 9.14 Mobile Interface
    - 9.15 Configurable role-based management
    - 9.16 Scheduling of recurring reports
    - 9.17 Report export to: email, Excel, and PDF formats
    - 9.18 Pre-defined and customizable reports
    - 9.19 Configurable alert thresholds
  - 9.2 Support of wild card search for device configuration, inventory or other device specific information
  - 9.21 Network Discovery
  - 9.22 Visual Mapping such as gauge, grid, charts

- 9.23 Based upon discovery, should be able to automatically generate integrated network topology maps showing both Layer 3 addressing and Layer 2 connectivity.
- 9.24 Inventory and Configuration
- 9.25 Agentless scans for inventory control
- 9.26 Should collect and store comprehensive hardware inventory and configuration information for all networking devices
- 10 Single point Console for Managing network discovery, creation and administration of maps, to access detailed device inventory and configuration information.
- 11 User Defined Device Categories
- 12 Should provide the users to have the ability to define, edit, add or delete device categories from auto discovered connected devices.
- 13 Layer 2 Trace
- 14 Should support both LAN or WAN connectivity
- 15 Should display in-bound and out-bound interfaces for each network device in the path
- 16 Should provide Layer 2 trace feature to help network managers to rapidly pinpoint physical layer connectivity issues from the console
- 17 IP/Mac Finder
- 18 Should provide IP/Mac finder tool to locate an IP or Mac address on a network from console.
- 19 It must work collectively in a heterogeneous group of devices make of different OEMs
- 20 Configuration management for download current running configuration, scheduled download of configuration file from network devices, support base-lining of specific version of the running configuration file. Tool should support comparison of different versions of the configuration file of a device or across devices
- 21 GUI based VLAN Management functionality
- 22 Single interface management of NMS and it's plug-ins
- 23 Email Alert on configuration changes
- 24 Provide methods to send the reports by email to specific user or portal users and option should be available to store reports on any specified hard-disk destination
- 25 Telnet, HTTP, HTTPS options should be available through right click on network node from MAP view.
- 26 Able to collect Syslog based events generated from standard network elements
- 27 All the NMS components should be from single vendor
- 28 NMS Software should support Graphical view up to port level for all the devices



- 29 Administrator/ Manager should have privilege to create/modify/delete user.
- 30 The NMS should be Scalable, Secure, Robust, Advanced, State of Art, flexible, easy to deploy, reliable, built in redundancy and should support distributed architecture along with 3rd party integrations
- 31 The NMS software should be deployable on licensed Windows/Linux OS. It should provide all the modules to monitor Networks, Servers and Applications in the same software
- 32 The NMS must provide custom data widgets to create custom dashboards, so as to visualize and collect real time and historical data from custom widgets
- 33 The NMS shall have suitable system level backup mechanism for taking backup of NMS data manually of at least one month.
- 34 The NMS shall provide Health Monitoring reports of the network with settable periodicity.
- 35 Tenderer shall provide soft copy of NMS on a DVD. The setup/procedure to download the software shall be clearly mentioned in the system manual
- 36 The NMS must support listening to traps from the network devices
- 37 It shall provide measurement of end-to-end Network performance & availability to define service levels and further improve upon them.
- 38 The NMS should provide out of the box root cause analysis with multiple root cause algorithms inbuilt for root cause analysis. It should also have a strong event correlation engine which can correlate the events on the basis of event pairing, event sequencing etc.

#### **E. Detail Specification of Antivirus license:**

1. The antivirus should be compatible with laptops, desktops having Windows operating system.
2. Antivirus should be able to scan for viruses and quarantine/remove them. Feature for scheduled scan of virus.
3. Antivirus to defend against viruses, online threats and ransomware with both cloud-based online and offline protection.
4. It should have web protection with clear warnings of risky websites, links and files.
5. Antivirus to have PC Optimization features, remove temporary files and cookies, Vulnerability Scanner, spam filter.

#### **NMS work to be carried out by tenderer-**

- (i) The tenderer shall identify and document the network devices to be monitored with the help of Engineer-In-Charge and also identify grouping strategy of the devices.

- (ii) The tenderer shall be responsible for configuring alarm (Device down, Link failure, Bandwidth Utilization etc.) which is visible in the Alarm console to take necessary action.
- (iii) The tenderer shall be responsible to supply necessary documents such as Installation Guide, Administration Guide, Manuals, Data Sheet etc.
- (iv) Tenderer should attach technical specification brochures to enable us to verify the specification. Warranty Details for NMS Software.

**Patch Management Server work to be carried out by tenderer-**

- (1) Proposed patch management server must offer all the patching. All critical application/software can be patched as soon as patch/upgrade is available. Solution must support Intel and AMD CPUs both x86 and x64 architecture.
- (2) Proposed server should identify, schedule, deliver and track operating system and automate patch delivery.
- (3) Proposed server should schedule periodic scans computers to identify missing patches.
- (4) Proposed server should identify and download missing patches from vendors' websites.
- (5) It should be supported for deployment of patches at end-points and servers.
- (6) Proposed server should have bundled reporting software so no third-party tools would be required to customize reports
- (7) Proposed server should be configured for integrating with one or more Active Directory structures.

**Active Directory Domain server work to be carried out by tenderer-**

- (1) The AD DS server should be seamlessly integrated with existing SLDC setup.
- (2) The vendor shall implement various information security policies of SLDC (illustratively, the password policy, access control policy, internet access policy, etc.) apart from Group policy pertaining to Desktop and its security like password, drives access, software download, sharing of drive, etc.
- (3) The system would be subject to Information Technology Audits by the SLDC. The vendor shall provide required support to carry out the Audits – pre launch and post launch.
- (4) The proposed solution should be compatible with and integrate equipment's from different OEMs and should also be scalable for future upgrades. The Bidder should undertake necessary changes to harden the Operating System to prevent against malicious and unwarranted attacks. It is expected that the Bidder will draw knowledge from industry best practices and his

experiences to develop a Directory Server that is best suited for SLDC and document the blueprint for a cohesive architecture.

- (5) The vendor shall install, configure and operationalize the LDAP/ Directory Server as per the SLDC's requirement. User login accounts, Global address folder, replication of Global address folders at all locations, etc., have to be done by the Vendor with host name resolution (DNS) in consultation with SLDC.
- (6) LDAP server should provide directory services to all the Windows as well as Linux/Unix based desktops and servers. LDAP should provide Group policies. The vendor shall configure all the clients to the Directory server. The vendor shall configure all network resource like printers, scanners etc. to the Directory server. The vendor shall configure / define log-in access which would include restricting Domain / IP, IP Ranges or any other attributes SLDC may indicate.
- (7) System should support for replication in master-master mode and master slave mode, across the LAN or WAN in natted environment with multiple firewalls and VPN tunnel.
- (8) Certificate Installation for Active Directory and applications integrated with Active Directory.
- (9) DNS entry creation & Modification as per the requirement of the SLDC.
- (10) Creating Dashboard for day to day activities, reports and Domain health check-up.
- (11) The cleanup should be configured to run every month or as and when required to remove the users based on certain conditions.
- (12) Approximately 100 user accounts to be managed. However, the software should be provided for managing unlimited users
- (13) Minimum 3 concurrent Administrators with various roles should be configurable to administer the system. System must be able to audit GPO changes, verify its consistency & also compare GPO version side-by-side. System must have provision to revert the GPO changes.
- (14) Facilitate backup of entire Active Directory setup including users and rights data.
- (15) Configuring AD integrated DNS Server role on the domain controllers.
- (16) Bidder should install and configure Domain Name Systems (DNS) on High Availability mode

### **Security Features of directory server-**

- System should support on implementing restrictions over accessing the directory data at different levels.

- System should support multi-level passwords to ensure that no single administrator may have full control of important credentials.
- System should support the user ID/password, certificate based and anonymous authentication mechanisms.
- System should have support for implementing the access control list for access of the directory data for every user and also should replicate the same.
- System support for secure access of LDAP - Secure Sockets Layer (SSL) and Transport Layer Security (TLS), and support for encryption, integrity and authentication services.
- Should have password policy management like retry attempts, lockout, min/max length, triviality checking and password history.
- System support for SASL encryption and GSS-SASL authentication, typically used for Kerberos encryption and authentication.

#### **Administrative Features for directory server-**

- System should support on line administrative operation on the directory data such as backups, schema updates, and configuration.
- System should ensure single domain for the entire organization.
- Two-way replication to be ensured on synchronous or asynchronous basis.
- Should support existing Desktops/servers with OS from different flavors like Windows, Linux, Unix, etc. and versions.
- Ability to support delegate the administrative rights at different levels depending upon the server, users and task level.
- Capable of providing policy enforcement from central location.
- System should provide single sign on to existing clients, application, and resources like file server, print server etc.
- A system GUI console and Web Based console for performing the administrative tasks.
- System should have support for defining dynamically extensible schema and custom attributes.
- System must provide the facility to set accounts to expire on specific dates, deactivate accounts on pre-defined date or after a configurable amount of inactive

time, lock out account after multiple failed logins, restrict account logins during configurable times and days e.g on public holiday etc.

- Light weight Directory Access Protocol (LDAP) Compliances
- Support for LDAPv2 and v3 RFCs including RFC 2251-2256, 2829 and 2830
- A LDAP search facility for filtering users including equality, sub-string, approximate ("sounds like") and the Boolean operators and (&), or (|) and not (!)
- Support for making a query on other directory servers over LDAP v3.
- System should support SNMP with the IETF-defined standard Mail and Directory Management (MADMAN MIB)
- Directory Services should support for X.500 naming standards
- The directory service should provide Single Point of Authentication for Messaging & Directory Services & Operating system & Firewall, Desktop & Server. Single Sign On for existing and new application to be supported.
- Support for integrated LDAP compliant directory services to store information about users, computers, and network resources and making the resources accessible to users and applications.
- The directory service should support features for health monitoring and verifying replication.
- The Directory Services should allow desktops, Printers, Users etc to be part of the Directory for Centralized management & Administration.
- Should support multi-master directory service replication features.
- Should support security features, such as support for Kerberos, smart cards, public key infrastructure (PKI), and x.509 certificates.
- Kerberos support for logon and authentication
- Standards based identity replication capability for users and passwords with other corporate directories for the purposes of identity management.
- It should support integration with other network services like DHCP, directory services.
- It should support DNS stub zones and DNS zone delegation

- DNS Server service should allow clients to dynamically update resource records secure and non-secure
- It should Support incremental zone transfer between servers
- It should provide security features like discretionary access control list
- The DNS Server should support several new resource record (RR) types.
- It should support Round robin on all resource record (RR) types
- High Availability: The solution should offer high availability without any manual intervention upto 99.5%.

The Server has to be configured in failover clustering with roles on Hyper-V in each server as follows-

(1) First Hyper-V container should have Active Directory Domain Services (AD DS) & DNS role installed.

(2) Second Hyper-V container should have IIS role installed.

The IP scheme of for implementation in SLDC will be provided by Engineer In charge at site during configuration.

The firm will be required to provide the interconnection drawing of the equipment installed. In addition, drawing/documents of all the hardware and software installed at site should be provided. The Bidder should provide clear licensing terms & conditions for all the products offered. The Bidder should provide the following details in representing the Software license:

- Explain all factors that could affect licensing.
- Make clear what type of license is offered for each price (perpetual, annual, named user, concurrent user, installed copies, CPU, Server license, Client Access licenses and any other item not mentioned here).
- Clearly Mention the type, fee and duration for License support / software assurance / subscriptions (updates/ upgrades/patch /release/ etc) for all the applicable products offered item wise. If any discrepancies found later with the licensing terms, then such additional cost will be borne by the bidder.
- The Bidder should specify the exact versions and releases that had been proposed in the solution for every component (Software, Hardware & System software loaded on the hardware) including the additional/optional components and should also provide the life time of the product and

availability of the proposed versions. The detail list of additional /optional components also needs to be provided.

The Bidder must provide two electronic copies of product/ system documentation in a standard file format (PDF Preferred) on DVD / CD.

The Executive Engineer (E&M) will be Officer-In-Charge ( OIC ) for the complete work. All the software & hardware configuration at site will be inspected and approved by OIC. Alteration/Modification in IP scheme, software installation path, drive mapping, role installation in server etc. needs to be carried out under the guidance of OIC.

## **SECTION - V**

### **GUARANTEED TECHNICAL PARTICULARS**

The bidder shall clearly indicate their compliance / non-compliance along with remarks, if any, for offered equipment for following technical specification: -

#### **COMPUTER HARDWARE SERVER**

S.No.	DESCRIPTION	PARTICULAR	COMPLIANCE (YES or NO)	REMARK
1	Make	HP, Dell, IBM, CISCO		
2	Number of Processors	Two (Intel E5-2600 V4 Processor or better Intel Architecture)		
3	Processor Cores	8 core for each processor		
4	Cache	20MB L3 or better		
5	Chipset	Intel® C610 Series Chipset		
6	Expansion Slots	PCIe 3.0 Minimum 3 nos.		
7	Processor speed	2.1 Ghz or better		
8	Form factor	1U/2U		
9	Form factor chassis	Rack		
10	Memory (RAM)	64 GB DDR4 Memory		
11	Memory Slots	24 DIMM slots or better		
12	Memory Type (RAM)	DDR4 Memory		
13	Drive Type	LFF SAS/SATA/SSD or better		
14	Drive Capacity	600 GB or better in RAID-1		
15	Optical Drive	DVD ROM, SATA, Internal		
16	System fan features	Standard Redundant Hot Pluggable		
17	Graphic card	Integrated graphic controller or better		
18	Network Controller	4 x 1Gb Ethernet Network Controller.		
19	Storage controller	Array Controller supporting up to 10 drives		
20	Chassis and Power Supply	Server Chassis having redundant hot swap power supply with minimum 5 hot swap drive bays for HDD		
21	Remote management	Management of the server over LAN, WAN with SSL encryption, virtual media license and KVM over IP		
22	Accessories	The server should be supplied along with software utilities for system configuration, OS installation and System Information, Cables, User Manual, Rack Mount Kit. Driver Software for all the adapters as per the configuration and		



		required for operating system		
23	Warranty	Server Warranty includes - 3 Years of Parts, 3 Years of Labor, 3 Years of Onsite Support Coverage.		
24	Operating System	Windows Server 2019 Standard Edition		
25	OS Configuration & Virtualization	Shall be in the Scope of Bidder		

### **SCALABLE & MANAGABLE NETWORK SWITCH – Rack Mountable**

S.No.	DESCRIPTION	COMPLIANCE (YES or NO)	REMARK
1.	Make - HP, Dell, CISCO		
1	24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE4 SFP+ 10GbE ports 1 port expansion module slot Supports a maximum of 6 SFP		
2	1 dual-personality (RJ-45 or mini USB) serial console port 1 RJ-45 out-of-band management port 1 USB 2.0		
3	2 power supply slots loaded with Power supply module.		
4	2 GB SDRAM; Packet buffer size: 4 MB, 512 MB flash		
5	IPv6 Ready Certified		
6	1000 Mb Latency < 5 $\mu$ s 10 Gbps Latency < 3 $\mu$ s Throughput Up to 214 Mpps Routing/Switching 288 Gbps capacity 32768 entries (IPv4), 16384 Routing table size entries (IPv6) MAC address table size 32768 entries		
7	Operating temperature 32°F to 113°F (0°C to Operating relative 45°C) Humidity 10% to 90%, noncondensing		

8	Quality of Service (QoS) - ACL, IEEE 802.1p Precedence, IP and DHCP or Type of Service (ToS), SP,WRR, WFQ, WRED WDRR, SP+WDRR, SP+WFQ		
9	Advanced classifier-based QoS (Per Port or Per VLAN Basis)		
10	Traffic Policing Support Committed Access Rate (CAR) & Line Rate		
11	Storm Restraint (Limitation of broadcast, multicast, and unknown unicast traffic rate to reduce unwanted broadcast traffic on the network)		
12	Broadcast control		
13	Friendly Port Names (Assignment of descriptive names to ports)		
14	Management VLAN		
15	Network Management (SNMPv1/v2c/v3, MIB-II with Traps, and RADIUS Authentication Client MIB (RFC 2618) & embedded HTML management tool with secure access)		
16	Packet storm protection		
17	Intelligent Resilient Fabric (IRF)		
18	Rapid Ring Protection Protocol (RRPP)		
19	Smart Link (under 100 ms failover between links)		
20	Virtual Router Redundancy Protocol (VRRP)		
21	IRF capability (160 Gbps bidirectional using QSFP+ links)		
22	Spanning Tree/PVST+, MSTP, RSTP		
23	Internal Dual-Redundant Power Supply		
24	Dual-flash images		
25	Multiple configuration files		
26	IPv6 management		
27	GARP VLAN Registration Protocol		
28	IP multicast snooping and data-driven IGMP		
29	Internet Group Management Protocol (IGMP) and Multicast Listener Discovery (MLD)		
30	32K MAC addresses		
31	IEEE 802.1ad QinQ and selective QinQ		
32	Spanning Tree/MSTP, RSTP, and STP root guard		
33	64 MSTP instances		
34	Isolation at data link layer with private VLANs		
35	VLAN support and tagging		
36	Address Resolution Protocol (ARP)		
37	Dynamic Host Configuration Protocol (DHCP)		
38	Loopback interface address		
39	User Datagram Protocol (UDP) helper function		
40	Route maps		
41	DHCP server		
42	IPv4 routing protocols		
43	IPv6 routing protocols		
44	PIM-SSM, PIM-DM, and PIM-SM (for IPv4 and IPv6)		
45	MPLS support		
46	Virtual Private LAN Service (VPLS)		
47	Bidirectional Forwarding Detection (BFD)		

48	Policy-based routing		
49	Equal-Cost Multipath (ECMP)		
50	IPv6 tunneling		
51	Access control lists (ACLs)		

### **WORKSTATION**

<b>S.No.</b>	<b>DESCRIPTION</b>	<b>PARTICULAR</b>	<b>COMPLIANCE (YES or NO)</b>	<b>REMARK</b>
1	Make	HP, Dell, IBM, CISCO		
2	Number of Processors	One no. of Intel Core i5-11500 processor or better Intel Architecture		
3	Processor Cores	6 core processor		
4	Cache	12MB or better		
5	Processor speed	4.6 GHz or better		
6	Form factor	SFF with 260W up to 85% efficient		
7	Memory (RAM)	8 GB DDR4 UDIMM non-ECC Memory		
8	Memory Slots	4 UDIMM slots or better		
9	Memory Type (RAM)	DDR4 Memory		
10	Drive Type	M.2 PCIe Boot SSD (11th Gen Intel CPU) or better 1TB PCIe NVMe Class 40 M.2 SSD		
11	Optical Drive	DVD		
12	Graphic card	Radeon Pro WX 2100 2GB LP (1 DP, 2 mDP to DP adapters) or better		
13	Network Controller	2 x 1Gb Ethernet Network Controller.		
14	Power Supply	Dual Power Supply		
15	Accessories	The workstation should be supplied along with software utilities for system configuration, OS installation and System Information, Cables, User Manual. Driver Software for all the adapters as per the configuration and required for operating system		
16	Warranty	Server Warranty includes - 3 Years of Parts, 3 Years of Labor, 3 Years of Onsite Support Coverage.		
17	Operating System	Windows 10 Pro (64-bit) for Workstation English		
18	Display	21 inches LED, Maximum Preset Resolution-1920 x 1080 at 60 Hz,		

		Aspect Ratio-16:9, Connectors- 1 X VGA, 1 X HDMI		
19	Keyboard	US International (English) - Black		
20	Mouse	USB Optical mouse Black		
21	OS Configuration	Shall be in the Scope of Bidder		

### NMS Software

S. No.	Technical Specification of NMS	Compliance Yes/No	Remarks
1	NMS License should be device based. The product shall support for software fixes and upgrades till the life of the product.		
2	Must be licensed for Management & Monitoring at least 200 nos. of devices.		
3	Must be licensed for Configuration download at least 200 nos. of devices.		
4	Should provide the following features		
5	Network mapping and discovery software using layer 2/ Layer 3 protocol for minimum 200 devices.		
6	Integrated Performance Information, from single interface		
	Should provide the following minimum features :		
7	Discovery Features:		
7.1	Support for SNMP v1-3, IPv4 & IPv6 including dual stack IPv4/IPv6 address range, SNMP Smart scan, hosts file		
7.2	Scheduled discovery scans & Web-based discovery		
8	Mapping Features:		
8.1	Automated map creation		
8.2	Customizable topology maps		
8.3	Multi-level topology views		
9	Monitoring Features:		
9.1	SNMP v1-3, SSH and WMI support		
9.2	Real-time monitoring of network links and devices with historical reports for various periods.		
9.3	Able to support instant diagnosis of the node status through Ping, SNMP WaLk / Mib walker, Telnet, SSH, Trace route and Remote Desktop		

9.4	It shall support SNMP v1-3, WMI application, SSH, JDBC, HTTP, JMX, collectd, ns++ for monitoring various type of devices		
9.5	Wireless Infrastructure Monitoring, Alerting and Reporting		
9.6	Custom monitoring with Jscript, VBScript or Python Script and others		
9.7	Threshold monitoring (Performance, Passive)		
9.8	Blackout period to suspend specific actions during the scheduled period of time		
9.9	Management Console with reporting tool, Alerts Notification and Multilevel escalation notification		
9.1	Secured Web and Windows based management console of NMS		
9.11	Alert Center for centralized alerts/notifications escalation management.		
9.12	Able to send alert happened via E-mail, Direct SMS, Execute Batch file, SNMP Trap, XML notification, Pop-up window and Audio alert		
9.13	Configurable Alert and Notification escalation policies		
9.14	Mobile Interface		
9.15	Configurable role-based management		
9.16	Scheduling of recurring reports		
9.17	Report export to: email, Excel, and PDF formats		
9.18	Pre-defined and customizable reports		
9.19	Configurable alert thresholds		
9.2	Support of wild card search for device configuration, inventory or other device specific information		
9.21	Network Discovery		
9.22	Visual Mapping such as gauge, grid, charts		
9.23	Based upon discovery, should be able to automatically generate integrated network topology maps showing both Layer 3 addressing and Layer 2 connectivity.		
9.24	Inventory and Configuration		
9.25	Agentless scans for inventory control		
9.26	Should collect and store comprehensive hardware inventory and configuration information for all networking devices		
10	Single point Console for Managing network discovery, creation and administration of maps, to		

	access detailed device inventory and configuration information.		
11	User Defined Device Categories		
12	Should provide the users to have the ability to define, edit, add or delete device categories from auto discovered connected devices.		
13	Layer 2 Trace		
14	Should support both LAN or WAN connectivity		
15	Should display in-bound and out-bound interfaces for each network device in the path		
16	Should provide Layer 2 trace feature to help network managers to rapidly pinpoint physical layer connectivity issues from the console		
17	IP/Mac Finder		
18	Should provide IP/Mac finder tool to locate an IP or Mac address on a network from console.		
19	It must work collectively in a heterogeneous group of devices make of different OEMs		
20	Configuration management for download current running configuration, scheduled download of configuration file from network devices, support base-lining of specific version of the running configuration file. Tool should support comparison of different versions of the configuration file of a device or across devices		
21	GUI based VLAN Management functionality		
22	Single interface management of NMS and it's plug-ins		
23	Email Alert on configuration changes		
24	Provide methods to send the reports by email to specific user or portal users and option should be available to store reports on any specified hard-disk destination		
25	Telnet, HTTP, HTTPS options should be available through right click on network node from MAP view.		
26	Able to collect Syslog based events generated from standard network elements		
27	All the NMS components should be from single vendor		
28	NMS Software should support Graphical view up to port level for all the devices		
29	Administrator/ Manager should have privilege to		

	create/modify/delete user.		
30	The NMS should be Scalable, Secure, Robust, Advanced, State of Art, flexible, easy to deploy, reliable, built in redundancy and should support distributed architecture along with 3rd party integrations		
31	The NMS software should be deployable on licensed Windows/Linux OS. It should provide all the modules to monitor Networks, Servers and Applications in the same software		
32	The NMS must provide custom data widgets to create custom dashboards, so as to visualize and collect real time and historical data from custom widgets		
33	The NMS shall have suitable system level backup mechanism for taking backup of NMS data manually of at least one month.		
34	The NMS shall provide Health Monitoring reports of the network with settable periodicity.		
35	Tenderer shall provide soft copy of NMS on a DVD. The setup/procedure to download the software shall be clearly mentioned in the system manual		
36	The NMS must support listening to traps from the network devices		
37	It shall provide measurement of end-to-end Network performance & availability to define service levels and further improve upon them.		
38	The NMS should provide out of the box root cause analysis with multiple root cause algorithms inbuilt for root cause analysis. It should also have a strong event correlation engine which can correlate the events on the basis of event pairing, event sequencing etc.		

### Antivirus license

S. No.	Antivirus requirements	Compliance Yes/No	Remarks
1	The antivirus should be compatible with laptops, desktops having Windows operating system.		

2	Antivirus should be able to scan for viruses and quarantine/remove them. Feature for scheduled scan of virus.		
3	Antivirus to defend against viruses, online threats and ransomware with both cloud-based online and offline protection.		
4	It should have web protection with clear warnings of risky websites, links and files.		
5	Antivirus to have PC Optimization features, remove temporary files and cookies, Vulnerability Scanner, spam filter.		



## SCHEDULE – I

### SCHEDULE OF TECHNICAL DEVIATIONS

(TO BE KEPT IN THE ENVELOPE (PART-II) “(COMMERCIAL / TECHNICAL BID)”

From: - Tenderer's Name & Address

To,

The Executive Director (LD)  
SLDC, CSPTCL, Dangania,  
**RAIPUR** – 492 013 (C.G.)

Dear Sir,

Sub: - Technical Deviation.

The Technical Deviations & variations to the specifications stipulated in the tender, for the item quoted are as under:-

S. No.	Condition	Clause No. of Tender Document	Page No. of Tender Document	Statement of Deviations and Variations
1	2	3	4	5

25. Except for aforesaid Technical Deviations, the entire order, if placed on us, shall be executed in accordance with your specification and any other conditions, variations / Deviations etc. if found elsewhere in our offer should not be given any considerations while finalizing the tender.
26. It will be discretion of CSPTCL either to consider any Technical Deviation or Not while placing the order.

Note: - Continuation Sheet of like size & format may be used as per Bidder's requirements and shall be annexed to this schedule.

PLACE:  
DATE:

SIGNATURE OF TENDERER

NAME IN FULL

DESIGNATION/STATUS IN THE COMPANY

COMPANY SEAL

## SCHEDULE – II SCHEDULE OF COMMERCIAL DEVIATIONS

(TO BE KEPT IN THE ENVELOPE (PART-II) “(COMMERCIAL / TECHNICAL BID)”

From: - Tenderer's Name & Address

To,  
The Executive Director (LD)  
SLDC, CSPTCL, Dangania,  
**RAIPUR** – 492 013 (C.G.)

Dear Sir,

Sub: - Commercial Deviation.

The Commercial Deviations & variations to the specifications stipulated in the tender, for the item quoted are as under:-

S. No.	Condition	Clause No. of Tender Document	Page No. of Tender Document	Statement of Deviations and Variations
1	2	3	4	5

2. Except for aforesaid Commercial Deviations, the entire order, if placed on us, shall be executed in accordance with your specification and any other conditions, variations / Deviations etc. if found elsewhere in our offer should not be given any considerations while finalizing the tender.
3. It will be discretion of CSPTCL either to consider any commercial deviation or Not while placing the order.

Note: - Continuation Sheet of like size & format may be used as per Bidder's requirements and shall be annexed to this schedule.

PLACE:  
DATE:

SIGNATURE OF TENDERER

NAME IN FULL

DESIGNATION/STATUS IN THE COMPANY

COMPANY SEAL

**SCHEDULE – III**  
**PRICEBID**

The undersigned hereby tender & offer to complete the following supply work in Back Up State Load Dispatch Centre, CSPTCL, Khedamara for the quantities at the rates indicated hereunder:

S No	Name of Material	Quantity	Rate per Piece	GST per Piece / Item	Rate with GST	Amount
1	AD DS Windows server as per tender specification	2				
2	Antivirus Server & Patch Management server with Windows server 2019 operating system as per tender specification	1				
3	NMS Server with Windows server 2019 operating system as per tender specification	1				
4	NMS Workstation with Windows 10 Pro OS as per tender specification	1				
5	Antivirus License for 50 clients	50				
6	NMS Software with 200 Devices and Application monitoring	1				
7	Network Switch as per tender specification	5				
8	Installation & commissioning of supplied items as per tender specification	LS				
					Total	

**NOTE:-**All works to be done as per direction of Engineer-in-Charge of SLDC or authorized person deputed by O/o The Executive Director (LD), SLDC, CSPTCL, Raipur.

**Other Conditions (if any): -**

The undersigned undertakes to observe and abide by the terms & conditions of the tender specifications enclosed herewith.

Earnest Money Deposit of Rs. 48,000/- (Rupees Forty Eight Thousand only) has been deposited in favour of Manager (RAO-H.Q.), CSPTCL, Dangania, Raipur vide D.D. No. \_\_\_\_\_ dt.

\_\_\_\_\_ drawn on (the bank) \_\_\_\_\_ Branch \_\_\_\_\_.

PLACE:

Signature of Tenderer

DATE:

Designation/Status in the Company  
Name & Address in full  
Company Seal

**SCHEDULE - IV**  
**SCHEDULE OF PAST EXPERIENCE**

(TO BE KEPT IN THE ENVELOPE (PART-II) “(COMMERCIAL TECHNICAL BID)”

From: - Bidder's Name & Address

To,  
The Executive Director (LD)  
SLDC, CSPTCL, Dangania,  
**RAIPUR** - 492013 (C.G.)

Dear Sir,

Sub: - Performance / Past Experience.

We furnish herewith the record of our performance and experience, which is as follows:

S. No.	Client's Name & Address	Order No. & Date	Value of the order	Brief details of Past Order
1	2	3	4	5

Note: - Photocopies of the orders and Performance Reports received from other State Electricity Boards / Government Undertakings etc. should be enclosed.

**UNDERTAKING**

I..... sole proprietor / partner / Director / Authorised Signatory of M/s ..... am giving undertaking that details given are correct to the best of my knowledge and I agree to abide by all your Tender / Order terms and conditions. In case it is observed to be false / incorrect / incomplete subsequently, I will be solely responsible.

PLACE:

SIGNATURE OF TENDERER

DATE:

NAME IN FULL

DESIGNATION/STATUS IN THE COMPANY

COMPANY SEAL

**ANNEXURE - I**  
**COMMERCIAL INFORMATION**

(i) Strike-off, whichever is not applicable (ii) Separate sheet should be used, wherever necessary.

1. a)	Name and Address of the Bidder / authorized signatory	
b)	Name of the Company	
c)	Address & Contact Details of the Company	
2. a)	Whether Tender purchased from this office or downloaded?	Yes/No
b)	If downloaded, whether tender cost Rs. 1000/- + GST @ 12% or 18% Furnished? Details of MICR DD for tender cost	Yes/No
c)	Earnest Money details	
d)	Amount of EMD and full details	Rs. /-
e)	If exempted, state whether bidder is	SSI Unit of CG / Small scale unit registered with NSIC/ Fully owned State Central Govt. Unit.
f)	Reference of documentary evidence regarding exemption enclosed	Yes /No
3.	Whether the offer is valid for 120 days from the date of opening of commercial /technical bid	Yes /No (If no, state validity period)
4.	State whether the quoted prices are firm	Yes /No
5. a)	Rate of Tax	
b)	If exempted, state the reason	
c)	Reference of documentary evidence regarding exemption enclosed	Yes /No
6.	Whether PAN details provided along with copy of PAN Card	Yes /No
7.	PAYMENT TERMS:- Whether CSPTCL's terms of payment is acceptable to the tenderer (if no state conditions)	Yes /No
8.	DELIVERY PERIOD:-	
a)	Commencement of works from date of Agreement	
b)	Completion from the date of Agreement.	
9.	PENALTY CLAUSE Whether agreeable to CSPTCL's Penalty clause	Yes /No
10.	GUARANTEE PERIOD :- If during the course of 12 months from the date of	Yes /No

	completion of work any of the equipment or assembly is found to be defective in materials or workmanship or develop defect in service, the same will be replaced by the contractor free of all charges.	
11.	<b>SECURITY DEPOSIT</b> Whether agreeable to furnish CSPTCL's Standard security deposit @ 10% of value of order for satisfactory execution of the order and to cover	Yes /No
a)	guarantee period	
b)	If not, indicate deviation specifically	
12.	<b>EXTENSION ORDER:-</b> Whether you are agreeable to accept extension order for 50% of qty. on the same rates, terms & condition if any extension order is placed within 6 months from the date of placement of detailed order.	Yes /No
13.	Please mention whether rates offered are applicable for part quantities.	Yes /No
14.	Mention Turnover of the firm for last three years (Enclose balance sheets in support)	
a)	2018-19	
b)	2019-20	
c)	2020-21	

Place: -

SIGNATURE OF TENDERER:

Date: -

NAME IN FULL:

DESIGNATION/STATUS IN THE FIRM:

COMPANY SEAL:

ANNEXURE – II

**UNDERTAKING BY THE TENDERER (TYPE-I)**

1. I/We ..... Proprietor/Partner of (name of firm)  
.....hereby undertake that in case low rates is quoted by more than one firm then I/We shall have no objection in deciding successful bidder among the lowest bidder on the basis of lottery. Once the successful bidder is determined through lottery, I/We will honor the same and not lodge any claim on any matter in respect of this tender.
  
2. I/we \_\_\_\_\_ shall maintain the integrity & security of the place of work and bide with all the rules and regulations enforced. I/we shall keep the discipline and decorum of the place of work intact.
  
3. I/we shall not make damage to the SLDC, CSPTCL property.

Place: -

SIGNATURE OF TENDERER:

Date: -

NAME IN FULL:

DESIGNATION/STATUS IN THE FIRM:

COMPANY SEAL:



ANNEXURE – III

**UNDERTAKING BY THE TENDERER (TYPE-II)**

I/we hereby tender and offer, subject to CSPTCL's terms and conditions of tendering to CSPTCL to execute work as described or referred to in the tender documents and its enclosure under the TENDER SPECIFICATION No. .... and which under the terms thereof are to be executed and done by contractor and to perform and observe the provisions and agreements or the part of the contract contained in or reasonable to be referred from the said tender documents for the sums of and the rates indicated in the Price (Schedule-III) of the tender submitted herewith.

Should this tender be accepted, I/we hereby agree to abide by and fulfill all the terms and provision of the said conditions of the contract and if default thereof, authorised the CSPTCL or its successors and assigns in the office to forfeit and pay full value of Earnest Money Deposit, should I/we fail to commence the work specified and awarded or should I/we do not deposit the full amount of Security Deposit to be submitted under the conditions.

Dated .....

day of .....

Name & Address of tenderer:

SIGNATURE

.....

Name of the authorized, person signing

.....

.....

.....

.....

ANNEXURE - IV

QUESTIONNAIRE

(TO BE FILLED UP COMPLETELY BY THE TENDERER AND KEPT IN THE ENVELOPE  
(PART-II)

“(COMMERCIAL & TECHNICAL BID)”

1. Name & Address of the tenderer .....  
.....  
.....  
.....
2. Details of Earnest Money .....
  - (a) Mode .....  
.....
  - (b) No. & Date .....  
.....
  - (c) Amount .....  
.....
  - (d) Name of Bank .....  
.....
  - (e) Branch .....  
.....
  - (f) Drawn in favour of .....  
.....
3. Whether tenderer is .....
  - (a) Proprietary concern .....  
.....
  - (b) Firm .....  
.....
  - (c) Company .....  
.....

If answer is "Yes" against .....  
.....

  - (a) Whether documentary evidence .....  
.....

enclosed.

- (b) Whether certified necessary Power .....  
of Attorney enclosed.
- (c) Whether certified true copy of .....  
regulation articles of association,  
special or general Power of Attorney  
enclosed.
4. Whether the contractor will execute the .....  
proposed work himself or through their  
authorised persons/firms
5. Whether latest Income Tax clearance .....  
certificate enclosed.
6. Whether copies of P & L account/Balance .....  
sheet for last 3 years enclosed.
7. Whether experience record enclosed .....  
(Please enclosed photocopies)
8. Whether list of technically qualified .....  
Personnel enclosed
9. E.P.F. No. of Contractor .....
10. Whether copy of labour license enclosed .....
11. Whether tenderer is agreeable to furnish .....  
Security Deposit.
12. Whether latest Income Tax clearance .....  
Certificate enclosed.
13. Whether tenderer is agreeable for .....  
CSPTCL's standard penalty clause as  
mentioned in tender documents.

14. Whether validity of submitted tender/bid .....  
is six (6) months from date of opening.
15. Whether agreed for CSPTCL Payment .....  
Terms (If no state conditions)
16. Whether any rebate or discount is offered .....  
If yes state conditions
17. Whether quoted rates shall remain firm .....  
even change in time (less/more).
18. Expected numbers of Labours to be .....  
engaged on job.
19. Whether contractor has executed .....  
similar work in past. (Please mention the  
details along with photocopy).
20. Whether contractor is agreeable to pay .....  
the labours at the rates stipulated by Govt.
21. Whether the labours to be engaged on .....  
job are insured.
22. If the tender consists of supply of  
materials also :-
- (a) Whether the sales tax on supply .....  
of materials is included in quoted  
rate
- (b) Whether the rates have been quoted .....  
for supply of materials and  
execution of job separately.

If not, please indicate

- (i) Supply portion as % of total rate / .....  
Value
- (ii) Works portion as % of total rate / .....  
value.
- (c) If sales tax will be extra, the same .....  
will be applicable on material  
price only. not on work price,  
Have you mentioned, the  
above in details.
23. If machine/equipments of the CSPTCL .....  
is sent outside the premises of the CSPTCL  
for repairing work, whether tenderer is  
agreeable to furnish Indemnity Bond in  
CSPTCL's prescribed format equal to the  
present value of that machines / equipments.
24. Machines elements sent outside the premises  
..... of CSPTCL will be handed over at  
SLDC  
itself and Transportation charges for  
carrying out above machines/equipments  
from SLDC premises to firm's work be  
born by the contractor. Whether tender is  
agreeable for above clauses.
25. Guarantee Period of executed job .....
26. Whether agreed to accept Extension Order .....  
on same rate, terms & conditions if it is placed  
with 6 months from the date placement of  
detailed order.
27. Whether rates offered are applicable for part .....  
quantities (If yes, state conditions).
28. Whether filled up and signed undertaking .....  
enclosed.

29. Whether all pages of Tender filled and signed .....  
as specified.

30. Whether all clauses / conditions / terms / .....  
schedules have been read carefully and taken  
care of while preparing bid.

Signature &: .....

Full Name of authorized: .....

Person.

Designation: .....

Date: .....

Date: .....

Note: It is necessary to answer all the questions. If any question remained unanswered, it will be presumed that CSPTCL's interpretation is acceptable to the contractor for that particular question.

**ANNEXURE - V**

**PROFORMA FOR BANK GUARANTEE TOWARDS SECURITY DEPOSIT**  
**(To be executed on non judicial stamp paper worth Rs.300/- and Rs.1/- revenue stamps be affixed on the bank guarantee)**

Bank Guarantee No. \_\_\_\_\_ Dtd. \_\_\_\_\_

In consideration of State Load Despatch Centre, Chhattisgarh State Power Transmission Co. Ltd., Raipur having agreed to accept this bank guarantee in lieu of cash deposit by way of Security for due and faithful performance required from M/s. \_\_\_\_\_ herein after referred to as contractors, the bank of \_\_\_\_\_ hereby agrees unequivocally and unconditionally to pay within 48 hours on demand in writings from the CSPTCL or any officer authorized by it in this behalf, of any amount up to and not exceeding Rs. \_\_\_\_\_ (In words) Rs. \_\_\_\_\_ to the said Chhattisgarh State Power Transmission Co. Ltd. on behalf of the aforesaid M/s. \_\_\_\_\_ who have tendered and contracted for the supply of materials, equipments or services to the said CSPTCL against order No. \_\_\_\_\_ Dtd. \_\_\_\_\_ for the order value of Rs. \_\_\_\_\_.

This agreement shall be valid and binding on this bank up to and including \_\_\_\_\_ or for such further period as may hereunder be mutually fixed from time to time in writing by the CSPTCL, and the contractor, and shall not be terminable by notice or any change in the constitution of the aforesaid bank or the firm of contractors or by any other reasons whatsoever, and the banker's liability hereunder shall not be impaired or discharged by any extension of time or variation or alteration made, given, conceded or agreed to with or without the bank's knowledge or consent by or between the CSPTCL and the contractors in the existing and/ or further tenders and /or contracts.

It is agreed to by the Bank with CSPTCL that if for any reason a dispute arises concerning the Bank's liability to pay requisite amount to the CSPTCL under the terms of this guarantee the competent Court at Raipur shall have the jurisdiction to determine the said dispute and that this shall be without prejudice to the liability of Bank under the terms of this guarantee being unequivocal and unconditional as mentioned above.

The liability under this guarantee is restricted to Rs. \_\_\_\_\_ (In words) \_\_\_\_\_ only. This Guarantee shall remain in force until \_\_\_\_\_ Unless a demand to enforce a claim is made under this Bank Guarantee by the CSPTCL to the Bank within six month from the date i.e. up to \_\_\_\_\_ the rights of CSPTCL under this guarantee shall be forfeited and the bank shall be relived and discharged from all liability there under.

Signature  
For \_\_\_\_\_  
Bank

Witnesses: -

1. \_\_\_\_\_ (Signature)  
\_\_\_\_\_ (Name)  
\_\_\_\_\_ (Address)  
Mobile No. \_\_\_\_\_
2. \_\_\_\_\_ (Signature)  
\_\_\_\_\_ (Name)  
\_\_\_\_\_ (Address)  
Mobile No. \_\_\_\_\_

ANNEXURE - VI

PROFORMA OF AGREEMENT- BETWEEN THE CONTRACTOR & THE CSPTCL TO BE  
EXECUTED ON NON-JUDICIAL STAMP PAPER WORTH Rs.300=00 (REVENUE STAMP OF  
RS.1=00 SHOULD BE AFFIXED ON IT)

This Agreement is made on this \_\_\_\_\_ day of \_\_\_\_\_ 2014 between M/s \_\_\_\_\_ being a firm partnership/ proprietor registered under Indian Companies Act. 1956 having its office at \_\_\_\_\_ (herein after called the contractor which expression shall where the context to admit, be deemed to include all and each of partners as included in the deed of partnership jointly & separated and their heirs, executors, administrators and representatives) of the one part and SLDC, CSPTCL, Raipur being the Company constituted under section 133 of the electricity ACT, 2003 (CA36of2003). (Herein after called the CSPTCL, which expression shall where the context so admits, be deemed to include its permitted assigns) of the other part.

Where as in accordance with the tender Notice No. \_\_\_\_\_ issued by the \_\_\_\_\_ CSPTCL, Raipur of the CSPTCL and the contractor has submitted his tender No. \_\_\_\_\_ Dtd. \_\_\_\_\_ and opened on \_\_\_\_\_ for

\_\_\_\_\_ more particularly described, mentioned enumerated or referred to in the general conditions, specifications, schedule, drawings form of tender, covering letters, schedules, of price and further correspondence a copy of each of which is hereto annexed and it for purpose of identification signed by Shri \_\_\_\_\_ on behalf of the contractor and Executive Director (LD), SLDC, CSPTCL, Raipur, on behalf of the Transmission Company and all of which shall be deemed to form part of this Agreement or through separately get put herein and are included in the expression "Contractor" herein used (herein after referred to be the paid work).

And where as the Transmission Company has accepted the tender of the contractor vide order \_o. \_\_\_\_\_ Dtd. \_\_\_\_\_ for the sum of Rs. \_\_\_\_\_ (Rupees) \_\_\_\_\_) only, on the terms and subject to the conditions herein after mentioned.

Now therefore, this agreement witness and it is hereby agreed as follows: -



The contractor shall execute the said work and do perform and carry out all matter incidental and/or ancillary thereto within the time and terms and conditions specified in the contract.

- i) For the fulfillment of the contract, the Transmission Company shall pay to the contractor Rs. \_\_\_\_\_ (Rs.) \_\_\_\_\_) only or such other sum as may become payable in accordance with the contract.
- ii) In all matters existing under out of or in relations to this agreement, the terms and conditions of the contractor order No. \_\_\_\_\_ Dtd. \_\_\_\_\_ shall apply and such matters shall be determined accordingly.
- iii) The agreement shall be deemed to be entered into at Raipur and all disputes and claims, if any, out of or in respect of this agreement are to be settled at Raipur or to the tribunal only in any competent Court situated at Raipur.

In witness where of the parties hereto have signed this agreement on the date and year mentioned against their respective signature.

NAME & SIGNATURE OF WITNESS

i) Signature

Address

Mobile No.

SIGNATURE OF THE CONTRACTOR

ADDRESS: -

ii) Signature

Address

Mobile No.

NAME & SIGNATURE OF WITNESS

i) Signature

Address

ii) Signature

Address

**Executive Director (LD),  
SLDC, RAIPUR**

**ANNEXURE-VII**  
**PRE-CONTRACT INTEGRITY PACT**

**1. GENERAL**

- 1.1 This pre-bid contract Agreement (hereinafter called the Integrity Pact) is made on.....day of the month .....20..., between the CSPTCL acting through Shri.....ED (LD) (hereinafter called the “BUYER”, which expression shall mean and include, unless the context otherwise requires, his successors in the office and assigns) and the First Party, proposes to procure (name of the Stores/Equipment/Work/Service) and M/s. .... represented by Shri.....Chief Executive Officer (hereinafter called the “BIDDER/Seller”, which expression shall mean and include, unless the context otherwise requires, his successors on permitted assigns) and the Second Party, is willing to offer/has offered.
- 1.2 Where as the BIDDER is a Private Company/Public Company/ Government undertaking/Partnership/Registered Export Agency, constituted in accordance with the relevant law in the matter and the BUYER is a power company an undertaking of Govt. of CG, performing its function on behalf of the Government of Chhattisgarh.

**2. OBJECTIVES**

- NOW, THEREFORE, the BUYER and the BIDDER agree to enter into this pre-contract agreement, hereinafter referred to as Integrity Pact, to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the Contract to be entered into with a view to:-
- 2.1. Enabling the BUYER to obtain the desired Stores/Equipment/Work/Service at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and
- 2.2. Enabling BIDDERS to abstain from bribing or indulging in any corrupt practices in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing any corrupt practices and the BUYER will commit to prevent corruption, in any form, by its official by following transparent procedures.

**3. COMMITMENTS OF THE BUYER**

- The BUYER commits itself to the following:-
- 3.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting of implementation process related to contract.
- 3.2 The BUYER will, during the pre-contract stage, treat BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any

particular BIDDER which could afford an advantage to that particular BIDDER in comparison to the other BIDDERS.

- 3.3 All the officials of the BUYER will report the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the BUYER with the full and verifiable facts and the same prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

#### **4. COMMITMENTS OF BIDDERS**

The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:-

- 4.1. The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
- 4.2. The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage, or inducement to any official of the BUYER or otherwise in procuring the Contract of forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the CSPTCL for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the CSPTCL.
- 4.3. The BIDDER further confirms and declares to the BUYER that the BIDDER in the original Manufacture/Integrator/Authorized government sponsored export entity of the stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 4.4. The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payment he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed

upon for such payments.

- 4.5. The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 4.6. The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 4.7. The BIDDER shall not use improperly, for purpose of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposal and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- 4.8. The BIDDER commits to refrain from giving any compliant directly or through any other manner without supporting it with full and verifiable facts.
- 4.9. The BIDDER shall not instigate or cause to instigate any third person to commit any of the acts mentioned above.

## 5. **PREVIOUS TRANSGRESSION**

- 5.1. The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the tender process.
- 5.2. If the BIDDER makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

## 6. **EARNEST MONEY (SECURITY DEPOSIT)**

- 6.1. Every BIDDER while submitting commercial bid, shall deposit an amount as specified in RFP as Earnest Money/Security Deposit, with the BUYER through any of the following instruments:
  - (i) Bank Draft or Pay Order in favour of.....
  - (ii) A confirmed guarantee by an Indian Nationalised Bank, promising payment of the guarantee sum to the ..... (BUYER)..... on demand within three working days without any demur whatsoever and without seeking any reasons whatsoever. The demand for payment by the BUYER shall be treated as conclusive proof of payment.
  - (iii) Any other mode or through any other instrument (to be specified in the RFP).
- 6.2. The Security Deposit shall be valid up to complete conclusion of the contractual

obligations to the complete satisfaction of both the BIDDER and BUYER, including warranty period, whichever is later.

- 6.3. In the case of successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- 6.4. No interest shall be payable by the BUYER to the BIDDER on Earnest Money/Security Deposit for the period of its currency.

## **7. SANCTIONS FOR VIOLATIONS**

- 7.1. Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required:-
- (i) To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
  - (ii) To forfeit fully or partially the Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed), as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.
  - (iii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
  - (iv) To recover all sum already paid by the BUYER, and in case of the Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate while in case of a BIDDER from a country other than India with Interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract such outstanding payment could also be utilized to recover the aforesaid sum and interest.
  - (v) To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.
  - (vi) To cancel all or any other contracts with the BIDDER and the BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
  - (vii) To debar the BIDDER from participating in future bidding processes of the CSPTCL for a minimum period of five years, which may be further extended at the discretion of the BUYER.

- (viii) To recover all sum paid in violation of this Pact by BIDDER(s) to any middlemen or agent or broken with a view to securing the contract.
- (ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.
- (x) If the BIDDER or any employee of the BIDDER or any person action on behalf of the BIDDER, either directly or indirectly, is closely related to any of the officers of the BUYER, or alternatively, if any close relative of an officer of the BUYER has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filling of tender. Any failure to disclose the interest involved shall entitle the BUYER to rescind the contract without payment of any compensation to the BIDDER.

The term 'close relative' for this purpose would mean spouse whether residing with the Government servant or not, but not include a spouse separated from the Government servant by a decree or order of a competent court; son or daughter or step son or step daughter and wholly dependent upon Government servant, but does not include a child or step child who is no longer in any way dependent upon the Government servant or of whose custody the Government servant has been deprived of by or under any law; any other person related, whether by blood or marriage, to the Government servant or to the Government servant's wife or husband and wholly dependant upon Government servant.

- (xi) The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER, and if he does so, the BUYER shall be entitled forthwith to rescind the contract and all other contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
- 7.2.1. The decision of the BUYER to the effect that a breach of the provisions of this pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Monitor(s) appointed for the purpose of this Pact.

## **8. IN DEPENDENT MONITORS**

- 8.1. The BUYER will appoint Independent Monitors (hereinafter referred to as Monitors) for this Pact.
- 8.2. The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 8.3. The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.
- 8.4. Both the parties accept that the Monitors have the right to access all the documents relating to the project/ procurement, including minutes of meetings. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/ Subcontractor(s) with confidentiality.

8.5. As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BUYER.

8.6. The Monitor will submit a written report to the designated authority of BUYER/Secretary in the department/within 8 to 10 weeks from the date of reference or intimation to him by the BUYER /BIDDER and, should the occasion arise, submit proposal for correcting problematic situations.

**9. FACILITATION OF INVESTIGATION**

In case of any allegation of violation of any provision of this fact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the books of Account of the BIDDER and the BIDDER shall provide necessary information of the relevant documents and shall extend all possible help for the purpose of such examination.

**10. LAW AND PLACE OF JURISDICTION**

This pact is subject to Indian Law, the place of performance and jurisdiction shall be the seat of the BUYER.

**11. OTHER LEGAL ACTIONS**

The actions stipulated in this integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of any other law in force relating to any civil or criminal proceeding.

**12. VALIDITY**

12.1 The validity of this integrity Pact shall be from the date of its signing and extend up to 2 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/Seller whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

12.2. If one or several provision of this pact turn out to be invalid; the reminder of this pact shall remain valid. In such case, the parties will strive to come to an agreement to their original intention.

13. The parties hereby sign this integrity Pact at .....on.....

**BUYER/BIDDER**

Name of Officer  
Destination Department/PSU

CHIEF EXECUTIVE OFFICER

Witness

1).....

2).....

Witness

1) .....

2) .....

\*\*\*\*\*