

## Checklist of Enclosures

Sl. No.	Annexure to be attached	Format attached as Annexure	Whether attached or not (Yes/NO)
<b>1.</b>	<b>Eligibility Criteria (Clause 6)</b>		
	Self Certificate as per Clause 6.7.1		
	Documentary Proof as per Clause 6.7.2		
	Documentary Proof as per Clause 6.7.3		
	List of Service Centers in India as per Clause 6.7.4		
	PO Copies & Documentary Proof as per Clause 6.7.5		
	PO Copies & Documentary Proof as per Clause 6.7.6		
	Self Certificate as per Clause 6.7.7		
	Certificate from OEM as per Clause 6.7.8	Annexure I	
	Copy of Partnership Agreement as per Clause 6.8.1		
	Attested Copies of Balance Sheets as per Clause 6.8.2		
	PO Copies & Documentary Proof as per Clause 6.8.3		
	Certificate as per Clause 6.8.4		
	PO Copies & Documentary Proof as per Clause 6.8.5		
	Self Certificate as per Clause 6.8.6		
	Certificate from OEM as per Clause 6.8.7	Annexure I	
	Documentary Proof as per Clause 6.8.8		
	Documentary Proof as per Clause 6.8.9		
<b>2.</b>	Format for Integrity Pact	Annexure II	
<b>3.</b>	Format for Non Disclosure Agreement	Annexure III	
<b>4.</b>	Tender Fee of Rs.10,000/- (Rupees Ten Thousand only)		
<b>5.</b>	EMD of Rs.2,00,000/- (Rupees Two Lakhs only)		
<b>6.</b>	Authorization by OEM for Participation	Annexure IV	
<b>7.</b>	Format for No Deviation Certificate	Annexure V	
<b>8.</b>	Checklist of Make & Models Offered	Annexure VI	
<b>9</b>	Checklist of Price Bid	Annexure VII	

**Back to Back Support From OEM**

Date: \_\_\_\_\_

To,  
BHEL  
CIT, NOIDA

Subject: **Letter of Authority**

Tender Ref. No.: **AA:CIT:P31:VC dated 4<sup>th</sup> September 2010**

Dear Sir,

We hereby confirm to provide back to back support for the entire lease period of 5 years to the bidder whom we have authorized to quote in the tender enquiry ref. no. AA:CIT:P31:VC dated 4<sup>th</sup> September 2010. The availability of spares would also be ensured for the complete lease periods of 5 years and further for a period of 3 years.

(Authorized Signatory)

For \_\_\_\_\_

Note: This 'Letter of Authority' should be issued on the letterhead of OEM & enclosed in Part-I.

## **INTEGRITY PACT**

### **Between**

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi – 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

### **and**

\_\_\_\_\_, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

### **Preamble**

The Principal intends to award, under laid-down organizational procedures, contract/s for

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

## **Section 1 – Commitments of the Principal**

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
  - 1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - 1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
  - 1.1.3 The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

## **Section 2 – Commitments of the Bidder(s)/ Contractor(s)**

- 2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
  - 2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved

in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

- 2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant IPC/ PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- 2.1.4 The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.



### **Section 3 – Disqualification from tender process and exclusion from future contracts**

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors". framed by the Principal.

### **Section 4 – Compensation for Damages**

- 4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/Bid Security.
- 4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

### **Section 5 – Previous Transgression**

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

## **Section 6 – Equal treatment of all Bidders/ Contractors/ Sub-contractors**

- 6.1 The Bidder(s)/ Contractor(s) undertake(s) to obtain from all subcontractors a commitment consistent with this Integrity Pact and report Compliance to the Principal. This commitment shall be taken only from those sub-contractors whose contract value is more than 20 % of Bidder's/ Contractor's contract value with the Principal. The Bidder(s)/ Contractor(s) shall continue to remain responsible for any default by his Sub-contractor(s).
- 6.2 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.
- 6.3 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

## **Section 7 – Criminal Charges against violating Bidders/ Contractors /Sub-contractors**

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

## **Section 8 –Independent External Monitor(s)**

- 8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

- 8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- 8.5 As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or heal the situation, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 8.6 The Monitor will submit a written report to the CMD, BHEL within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8.7 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.
- 8.8 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant IPC / PC Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the



Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.9 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.

8.10 The word 'Monitor' would include both singular and plural.

### **Section 9 – Pact Duration**

9.1 This Pact begins and shall be binding on and from the submission of bid(s) by bidder(s). It expires for the Contractor 12 months after the last payment under the respective contract and for all other Bidders 6 months after the contract has been awarded.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as above, unless it is discharged/ determined by the CMD, BHEL.

### **Section 10 – Other Provisions**

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5 Only those bidders/ contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

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For & On behalf of the Principal

(Office Seal)

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For & On behalf of the Bidder/ Contractor

(Office Seal)

Place-----

Date-----

Witness: \_\_\_\_\_

(Name & Address) \_\_\_\_\_

\_\_\_\_\_

Witness: \_\_\_\_\_

(Name & Address) \_\_\_\_\_

\_\_\_\_\_

	<b>THIRD PARTY NON-DISCLOSURE AGREEMENT</b>	Doc.No. : ISMS-04-AA-013
		Version 1.0, Rev. No. : 00
		Page No. 1 of 1

### THIRD PARTY NON-DISCLOSURE AGREEMENT

I, \_\_\_\_\_, on behalf of the \_\_\_\_\_ (Name of Company), acknowledge that the information received or generated, directly or indirectly, while working with BHEL on contract is confidential and that the nature of the business of the BHEL is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL. Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs/data/configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL all documents and property of BHEL, including but not necessarily limited to: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL's business, or in any way obtained by me during the course of contract. I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, and are reasonable given the nature of the business carried on by the BHEL. I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Name

Company

Signature

***Nte:- The above is suggestive in nature. Any other format of NDA duly approved can also be used.***

INTERNAL

## Annexure-IV

### Authorization by OEM

Date: \_\_\_\_\_

To,  
BHEL  
CIT, NOIDA

Subject: **Letter of Authority**

Tender Ref. No.: **AA:CIT:P31:VC dated 4<sup>th</sup> September 2010**

Dear Sir,

We hereby authorize \_\_\_\_\_ who has all India presence and fulfills the requirements of the tender enquiry ref. no. AA:CIT:P31:VC, dated 4<sup>th</sup> September 2010 to quote / negotiate and service the equipment as required in the above tender enquiry.

This authorization is valid only for the following equipment for which we are the OEM:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

The authorized agency would ensure reliable service during complete lease period of 5 years.

(Authorized Signatory)

For \_\_\_\_\_

Note: This 'Letter of Authority' should be issued on the letterhead of OEM & enclosed in Part-I.



**No Deviation Certificate**

This is to certify that our offer is exactly in line with your tender enquiry no. **AA:CIT:P31:VC**, dated **4<sup>th</sup> September 2010**. This is to expressly certify that our offer contains no deviation either Technical or Commercial in either direct or indirect form.

**Signed By:**

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Date & Place:** \_\_\_\_\_

**Phone/Fax/Mobile/Email:** \_\_\_\_\_

**Stamp & Seal:** \_\_\_\_\_

## Annexure-VI

### Checklist of Make & Models Offered:

S. No	Item Name / Description	Make and Model of Equipment(s) offered	Remarks
<b>For Corporate Office Board Room</b>			
1	VC System consisting of HD Codec, Camera and VC Video Wall (4x3x50" size)		
1(a)	VC Endpoint (HD Codec & Camera with ISDN facility)		
<b>For Corporate Office Main Conference Room</b>			
2	VC System consisting of codec, camera and integrated dual 50" LCD display unit		
<b>For Top Management (CMD &amp; Directors)</b>			
3	VC System consisting of codec, camera and integrated 50" LCD display unit		
<b>For EDs &amp; GM(I/c)</b>			
4	Desktop based VC System consisting of codec, camera and 20" LCD display unit		
<b>For Units &amp; PS Regional Head Quarters</b>			
5	VC System consisting of codec, camera and integrated dual 50" LCD display unit		
<b>For Project Sites &amp; Smaller Units</b>			
6	VC System consisting of codec, camera and integrated 42" LCD display unit		
<b>PC Based VC Solution</b>			
7	PC Based VC solution for 100 concurrent users		
<b>VC Infrastructure</b>			

8	40 Port MCU		
9	20 Port MCU (standby)		
10	ISDN Gateway		
11	Gatekeeper		
12	Central Management System		
13	Recording & Streaming Solution		
14	Outdoor IP Camera with Wireless Accessories		
15	42U Rack		
16	KVM Switch with integrated LCD Monitor, Keyboard & Mouse		
17	2 KVA UPS		

**Annexure-VII**

**Price Bid Format (For Hardware)**

			Per Quarter Lease Charges for Unit Quantity							Per Quarter Lease Charges for the Total Qty. (INR)
S. No.	Item Name	Qty.	Towards Equipment Cost (Excluding taxes) (INR)	Taxes		Towards Maintenance and Incidentals like Interest on capital (Excluding taxes) (INR)	Taxes		Per Quarter Lease Charges for Unit Qty ( Including Taxes )	
				Percentage	Value (INR)		Percentage	Value (INR)		
	A	B	C	D	E	F	G	H	I=(C+E+F+H)	J=B*I
For Corporate Office Board Room										
1	VC System consisting of HD Codec, Camera and VC Video Wall (4x3x50" size)	1								
1(a)	VC Endpoint (HD Codec & Camera with ISDN facility)	1								
For Corporate Office Main Conference Room										
2	VC System consisting of codec, camera and integrated dual 50" LCD display unit	1								
For Top Management (CMD & Directors)										
3	VC System consisting of codec, camera and integrated 50" LCD display unit	7								
For EDs & GM(I/c)										
4	Desktop based VC System consisting of codec, camera and 20" LCD display unit	35								
For Units & PS Regional Head Quarters										
5	VC System consisting of codec, camera and integrated dual 50" LCD display unit	12								
For Project Sites & Smaller Units										
6	VC System consisting of codec, camera and integrated 42" LCD display unit	137								
PC Based VC Solution										

Place:

(Signature of the Bidder)

Date:

(Stamp of the Bidder)



**Annexure-VII**

**Price Bid Format (For Hardware)**

			Per Quarter Lease Charges for Unit Quantity							Per Quarter Lease Charges for the Total Qty. (INR)
S. No.	Item Name	Qty.	Towards Equipment Cost (Excluding taxes) (INR)	Taxes		Towards Maintenance and Incidentals like Interest on capital (Excluding taxes) (INR)	Taxes		Per Quarter Lease Charges for Unit Qty ( Including Taxes )	
				Percentage	Value (INR)		Percentage	Value (INR)		
	A	B	C	D	E	F	G	H	I=(C+E+F+H)	J=B*I
7	PC Based VC solution for 100 concurrent users	1								
VC Infrastructure										
8	40 Port MCU	1								
9	20 Port MCU (standby)	2								
10	ISDN Gateway	2								
11	Gatekeeper	2								
12	Central Management System	2								
13	Recording & Streaming Solution	1								
14	Outdoor IP Camera with Wireless Accessories	4								
15	42U Rack	1								
16	KVM Switch with integrated LCD Monitor, Keyboard & Mouse	1								
17	2 KVA UPS	130								
Grand Total (G1) =										

Place:

(Signature of the Bidder)

Date:

(Stamp of the Bidder)

## Annexure-VII

### Price Bid Format (For Facility Management)

			Per Quarter Charges for Facility Management			Per Quarter Charges for Facility Management for total manpower (Including Taxes)
S. No.	Item Name	Qty.	Per Quarter Charges for Facility Management for total manpower (Excluding Taxes)	Taxes		
				Percentage	Value (INR)	
	A	B	C	D	E	
1	Facility Management for total manpower at 5 locations as per Clause 9.15.3 & Clause 9.15.9 of RFP	Lumpsum				
					Grand Total (G2) =	

Place:

(Signature of the Bidder)

Date:

(Stamp of the Bidder)

**Annexure-VII****Price Bid Format (For Redeployment)**

S.No.	Item Name / Activity Description	Qty	Charges Per Shifting Excluding Taxes	Taxes (%age)	Total Taxes (INR)	Charges Per Shifting Including Taxes (INR)	Total Charges For total instances of Shifting Including Taxes (INR)
	A	B	C	D	E	F=C+E	G=B*F
1	Redeployment (dismantling at one site and reinstallation of VC Equipment at another site) of VC Equipment as per Clause 9.5 of RFP	50					
2	Shifting of IP Camera equipment from one location to another location within the same site	10					
						<b>Grand Total (G3)=</b>	

Note: 1) Quantities mentioned are estimated requirements over complete lease period of 5 years and the same will be used for evaluation purposes.

2) Actual redeployments may however vary and same charges will be applicable for any upward requirements.

Place:

Date:

(Signature of the Bidder)

(Stamp of the Bidder)

**Annexure-VII**

**Price Bid Format (For Optional Items)**

S. No.	Item Name	Qty.	Per Quarter Lease Charges						
			Additional Charges Towards Equipment Cost (Excluding taxes) (INR)	Taxes		Additional Charges Towards Maintenance and Incidentals like Interest on capital (Excluding taxes) (INR)	Taxes		Additional Charges Per Quarter ( Including Taxes )
				Percentage	Value (INR)		Percentage	Value (INR)	
	A	B	C	D	E	F	G	H	I = ( C + E + F + H )
1	60 Port MCU <b>IN PLACE OF</b> 40 Port MCU (All other features will remain identical)	1							
Grand Total (G4) =									

Place:

(Signature of the Bidder)

Date:

(Stamp of the Bidder)



**Annexure-VII**

**Price Bid Format (For OutRight Purchase)**

			OutRight Charges for Unit Quantity								Total Outright Cost (including maintenance for 5 years & taxes) for the Total Qty. (INR)
S. No.	Item Name	Qty.	Basic Unit Price (Excluding taxes) (INR)	Taxes		Basic Unit Price (Including taxes) (INR)	Maintenance Cost on Unit Qty (Excluding Taxes) for Five Years	Taxes		Maintenance Cost on Unit Qty (Including Taxes) for Five Years	
				Percentage	Value (INR)			Percentage	Value (INR)		
	A	B	C	D	E	F=C+E	G	H	I	J=G+I	K=B*(F+J)
For Corporate Office Board Room											
1	VC System consisting of HD Codec, Camera and VC Video Wall (4x3x50" size)	1									
1(a)	VC Endpoint (HD Codec & Camera with ISDN facility)	1									
For Corporate Office Main Conference Room											
2	VC System consisting of codec, camera and integrated dual 50" LCD display unit	1									
For Top Management (CMD & Directors)											
3	VC System consisting of codec, camera and integrated 50" LCD display unit	7									
For EDs & GM(Is)											
4	Desktop based VC System consisting of codec, camera and 20" LCD display unit	35									
For Units & PS Regional Head Quarters											
5	VC System consisting of codec, camera and integrated dual 50" LCD display unit	12									
For Project Sites & Smaller Units											
6	VC System consisting of codec, camera and integrated 42" LCD display unit	137									
PC Based VC Solution											
7	PC Based VC solution for 100 concurrent users	1									
VC Infrastructure											

Place:

(Signature of the Bidder)

Date:

(Stamp of the Bidder)

**Annexure-VII**

**Price Bid Format (For OutRight Purchase)**

			OutRight Charges for Unit Quantity								Total Outright Cost (including maintenance for 5 years & taxes) for the Total Qty. (INR)
S. No.	Item Name	Qty.	Basic Unit Price (Excluding taxes) (INR)	Taxes		Basic Unit Price (Including taxes) (INR)	Maintenance Cost on Unit Qty (Excluding Taxes) for Five Years	Taxes		Maintenance Cost on Unit Qty (Including Taxes) for Five Years	
				Percentage	Value (INR)			Percentage	Value (INR)		
	A	B	C	D	E	F=C+E	G	H	I	J=G+I	K=B*(F+J)
8	40 Port MCU	1									
9	20 Port MCU (standby)	2									
10	ISDN Gateway	2									
11	Gatekeeper	2									
12	Central Management System	2									
13	Recording & Streaming Solution	1									
14	Outdoor IP Camera with Wireless Accessories	4									
15	42U Rack	1									
16	KVM Switch with integrated LCD Monitor, Keyboard & Mouse	1									
17	2 KVA UPS	130									
18	Additional cost for 60 Port MCU <b>IN PLACE OF</b> 40 Port MCU (All other features will remain identical)	1									
Grand Total =											

Place:

(Signature of the Bidder)

Date:

(Stamp of the Bidder)

**List of Locations in Phase-I****Permanent Locations**

<b>S. No.</b>	<b>Location Name</b>
1	Corporate Office, New Delhi ( Board Room)
2	Corporate Office, New Delhi (Main Conference Room),
3	Industry Sector, New Delhi
4	PEM, Noida
5	HEEP, Haridwar
6	HEP, Bhopal
7	TP, Jhansi
8	HPEP, RC Puram, Hyderabad
9	EDN, Bangalore
10	HPBP, Trichy
11	IVP, Goindwal
12	IP/CSU, Jagdishpur
13	HERP, Varanasi
14	ESD, Bangalore
15	CFP, Rudrapur
16	Piping Centre, Chennai
17	EMRP, Mumbai
18	PSER, Kolkata
19	PSWR, Nagpur
20	PSSR, Chennai
21	PSNR, Noida

**List of Locations in Phase-I  
Project Sites**

<b>Power Sector Eastern Region Project Sites</b>	
1	Adhunik, Jharkhand
2	Bokaro, Jharkhand
3	Durgapur Steel Thermal Power Station, WB
4	IISCO - Burnpur, WB
5	Koderma, Jharkhand
6	Korba West, Chhattisgarh
7	Maithon, Jharkhand
8	Marwa, Chhattisgarh
9	Muzaffarpur, Bihar
10	NTPC Barh, Bihar
11	NTPC Bongaigaon, Assam
12	OTPC Palatana, Tripura
13	Abhijit, Jharkhand
<b>Power Sector Northern Region Project Sites</b>	
1	Anpara D, UP
2	Chhabra, Rajasthan
3	Bara, UP
4	Jhajjar, Haryana
5	GVK Goindwal, Punjab
6	Parbati, Himachal Pradesh
7	Koldam, Himachal Pradesh
8	GGSR Bhatinda, Punjab

**List of Locations in Phase-I**

<b>Power Sector Southern Region Project Sites</b>	
1	Bellary Stg-II, Karnataka
2	Mangalore Refineries CPP Expn, Karnataka
3	Malwa, Madhya Pradesh
4	Krishanpatnam, Andhra Pradesh
5	Kakatiya TPP stg-II, Andhra Pradesh
6	Tuticorin, Tamil Nadu
<b>Power Sector Western Region Project Sites</b>	
1	NTPC Mauda, Maharashtra
2	Khaperkheda, Maharashtra
3	NTPC Rihandnagar, UP
4	Chandrapur, Maharashtra
5	Vindhyachal, Madhya Pradesh
6	Sikka, Gujarat
7	Hazira, Gujarat
8	Ukai, Gujarat
9	Bhusawal, Maharashtra
10	Pipavav, Gujarat
11	Bina Power, Madhya Pradesh
12	Hindalco Mahan, Madhya Pradesh
13	Satpura, Madhya Pradesh
14	IEPL Bela, Maharashtra

**List of Total Locations****Permanent Locations**

1	Corporate Office Conference Room, New Delhi
2	Corporate Office Board Room, New Delhi
3	Industry Sector, New Delhi
4	PEM
5	Haridwar
6	Bhopal
7	Jhansi
8	RC Puram, Hyderabad
9	EDN, Bangalore
10	Trichy
11	Goindwal
12	Jagdishpur
13	HERP, Varanasi
14	ESD, Bangalore
15	Rudrapur
16	Piping Centre, Chennai
17	EMRP, Mumbai
18	PSER, Kolkata
19	PSWR, Nagpur
20	PSSR, Chennai
21	PSNR, Noida

**Project Sites**

<b>Power Sector Northern Region</b>	
1	Dadri
2	Parichha
3	RSC Chandigarh
4	GGSR , Bhatinda
5	Srinagar ,Uttarakhand
6	UHL,Himachal Pradesh
7	Parbati-3
8	Rampur
9	Ramgarh
10	Goindwal
11	Tapovan Vishnugarh
12	Sainz
13	Nimoo Bajgo,Leh, J&K
14	Chutak-Kargil, J&K
15	Farakka
16	Koldam
17	Chhabra

**List of Total Locations**

18	Harduaganj
19	Jhajjar
20	Anpara-D
21	Bawana
22	Maruti Udyog,Gurgaon
23	Bara
24	Kishanganga(hydro)

**Power Sector Eastern Region**

1	Bakreswar TPP
2	Chandrapura
3	Kahalgaon
4	Mejia
5	Santaldih
6	Korba East TPS
7	Lakwa ASEB
8	Metcoke, Haldia - To be shifted to Korba West
9	Budge Budge
10	Koderma
11	BRPL
12	Kameng
13	DVC, Durgapur
14	Jojobera Jamshedpur
15	DVC Bokaro - A
16	Barh
17	DVC, Maithon
18	IISCO, Burnpur
19	OTPC, Pallantana
20	NTPC, Bongaigaon
21	Marwa
22	Adhunik
23	Abhijit
24	Sagardighi, Bhirbhum
25	DPL, Durgapur
26	BPCL, Lapetkata,Assam
27	IPCL, Haldia
28	OIL, Duliajan
29	KBUNL, Muzaffarpur
30	Teesta HEP stage-IV
31	Namrup CCPP

**Power Sector Western Region**

1	Avantha Korba
2	Indiabulls, Nasik

**List of Total Locations**

3	Indiabulls, Amravati
4	Nabinagar
5	Videocon, Pipavav
6	Bhavnagar
7	OPG,Gujarat
8	Satpura
9	IEPL, Bela
10	GNFC, Bharuch
11	SAIL, Rourkela
12	JPL, Raigarh (4X600 MW)
13	Hindalco Mahan
14	Jhabua Power
15	PSTS, ROD and SSBG Vadodara
16	New Parli
17	Paras
18	Jindal Steel & Power, Raigarh. 4x250 MW
19	Vindhyachal
20	Korba NTPC 500MW
21	SAIL Bhilai
22	Trombay
23	Sikka
24	IOCL Vadodara
25	Hazira CCPP
26	Ukai
27	Bhusawal
28	Shrimaheshwar
29	Nagothane -Shifted to Nagathone
30	Pipavav
31	Satpura 2
32	BORL,Bina
33	Khaperkheda
34	SLLP Mangrol
35	Bina Power
36	NTPC Mauda
37	Rihand
38	Chandrapur
<b>Power Sector Southern Project Sites</b>	
1	SAS-Secundrabad
2	Bellary 1 &2 (500 MW )
3	Rayalaseema
4	Amarkantak
5	Sipat STTP
6	Kakaty(1x500, 1x600)



**List of Total Locations**

7	Nalco
8	Neyveli Exp.
9	Vijayawada
10	NTPC Simhadri-II (2x500)
11	KPCL Raichur-8 (1x250 MW)
12	Apogenco Kothagudem -11(500)
13	RINL Vizag
14	KRL Kochi
15	Koodankulam
16	NalcoDamanjodi
17	NTEL-Vallur (3x500)
18	TNEB-North Chennai II EPC
19	Bhavini-Kalpakkam MAPP
20	NTCL-Tuticorin (2x500 MW) EPC
21	Mangalore MRPL (2x68 MW Ind.) EPC
22	Krishnapattanam (2x800 MW) SG
23	Malwa (2x500 MW) EPC,civil
24	Monnet Power, Angul (2x525 )
25	Jindal Power, Angul (2x600)
26	Hindalco Power,Sambalpur(6x150)
27	CPCL - Manali, TN(1x85tph, 1 Fr5 GTG)
28	Sterlite - Tuticorin (2x80 MW)
29	Paradip Refinery - Orissa EPC
30	TNPL - Karur, TN (1x40 MW TG)
31	Surana Power - Raichur (2x210 BTG)
32	Yermaras Power - Raichur (2x800)EPC
33	Udangudi - TN (2x800 MW) EPC
34	Edlapur - KN (1x800 MW) EPC
35	Singareni - AP (2x600 MW) BTG
36	Hinduja Power - Vizag (2x525 MW) BTG
37	Jindal Power - OR (10x660 MW)

**Existing VC Setup**

Currently Video Conferencing solution (Standard Definition) is implemented at 18 locations. The existing Video Conferencing setup is based on Tandberg solution. The existing setup consists of 16 port Tandberg MCU MPS 100 and endpoints MXP 990. The end point is capable of performing 1 + 3 multipoint VC. The Video Conferencing is done both on IP as well as ISDN. The MCU is currently deployed at CIT, Noida and the endpoints at the following locations:

1. Corporate Office, New Delhi
2. HEP Bhopal
3. EDN Bangalore
4. HEEP Hardwar
5. HPBP Trichy
6. HPEB Hyderabad
7. Industry Sector, New Delhi
8. PEM Noida
9. PSER Kolkata
10. PSSR Chennai
11. PSWR Nagpur
12. R&D Hyderabad
13. CMD Office, New Delhi
14. HRDI, Noida
15. Kribhco Bhawan, Noida
16. Service Centre, Vadodra
17. ISG, Bangalore
18. BAP Ranipet

**Existing OCS Setup**

1. The OCS runs on Windows Server 2008 Platform.
2. The existing OCS Setup includes around 40 people from corporate and other locations, and Windows 2008 based Active Directory is used for authentication of users.
3. The existing setup is used for Instant Messaging, Desktop Sharing, and Video Conferencing among users.
4. To help increase security, TLS is configured on Office Communications Servers and clients. TLS and MTLS require certificates. The users are issued the digital certificate using the Windows 2008 Server based certificate Server.
5. The successful bidder shall demonstrate the integration of the proposed VC solution with the existing OCS setup for a limited number of 10-12 users.