

# Cochin Shipyard Limited (A Government of India Enterprise)



# **REQUEST FOR PROPOSAL**

# UPGRADATION OF VIDEO WALL IN CSL BOARD ROOM

Enquiry No: ISD/163/VWBR/VCUP/2023/01 Date: 18 JAN 2023 Last date & time of submission of bid: 06 FEB 2023 15:00 Hrs IST

> Cochin Shipyard Limited PO Bag # 1653, Perumanoor P O Kochi 682015 Tel: +91 484 2501889, 2501391 Web: www.cochinshipyard.in

UPGRADATION OF VIDEO WALL SYSTEM IN CSL BOARD ROOM



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# **1. TENDER NOTICE**

SL NO	ITEM	PARTICULARS
1	Tender Ref No. & Date	ISD/163/VWBR/VCUP/2023/01 18 JAN 2023
2	Tender Inviting Authority	Cochin Shipyard Limited (CSL)
3	Name of the project	Upgrading of Video Wall System in CSL Board room.
4	Project Location	CSL Main Office Building, CSL Campus, Kochi, Kerala
5	Place of availability of Tender Documents (RFPs)	CSL Official Website : <u>https://cochinshipyard.in</u> Central Public Procurement Portal (CPPP) : <u>https://eprocure.gov.in/epublish/app</u>
6	Earnest Money to be deposited (EMD)	Rs.1, 00,000 /-(Rs. One Lakh only) To be paid by submitting a Demand Draft from Scheduled Bank in favor of "Cochin Shipyard Limited" payable at Kochi.
7	Nature of bid process	Two Bid
8	Bid Validity	180 Days from the date of opening of Price Bid
9	Last date & Time of receipt of tender	6 Feb 2023 15:00 Hrs IST
10	Date & Time of opening of Technical Bid (PART I)	6 Feb 2023 15:30 Hrs IST
11	Date & Time of opening of Price Bid (PART II)	Will be informed to the technically qualified bidders.
12	Address for submitting Bids	Assistant General Manager (IT) Information Systems Department, 2 <sup>nd</sup> Floor - Main Office Building, Cochin Shipyard Limited Perumanoor PO, Kerala ,India, Pin: 682 015 Contact No: +91 484 2501889, 2501391
13	Contact Details	Tel: +91 484 2501391 Email: <u>harikrishnan.mk@cochinshipyard.in</u>



# **2. INTRODUCTION**

Cochin Shipyard Limited (CSL) was incorporated in the year 1972 as a fully owned Government of India company. CSL has completed a successful IPO process and is currently a listed Company. Over the last three decades, the company has emerged as a forerunner in the Indian Shipbuilding & Ship Repair industry. CSL has secured shipbuilding orders from internationally renowned companies from Europe & Middle East and built country's first Indigenous Aircraft Carrier. CSL commenced Ship Repair operations in the year 1982 and has undertaken close to 2000 repair projects of all types of ships including up-gradation of ships of oil exploration industry as well as periodical layup repairs and life extension of ships of Navy, UTL, Coast Guard, Fisheries and Port Trust besides merchant ships of SCI & ONGC. The yard has, over the years, developed adequate capabilities to handle complex and sophisticated repair jobs. CSL's performance has been rated high by the Indian industry over the past few years.

From here onwards, Cochin Shipyard Ltd, who is releasing this RFP, will be referred as CSL and the supplier/contractor who will be bidding as per the tender notice will be referred as "bidder".

# **3. SCOPE OF WORK**

CSL seeks to upgrade the existing Video Wall system along with maintaining the existing Audio visual system infrastructure in the Board Room of the Main Office Building, First floor of Cochin Shipyard, Kochi Campus.

There is an existing Audio Visual system with a video wall display (55inch x 4 Nos) present in the hall. The existing 110 inch Video wall (Four numbers of 55 inch video wall cells arranged in 2 x 2 fashion) shall be removed and a single 110 Inch Video wall display shall be mounted and installed to meet the new requirements. Hence all other components except the existing 2x2 video wall display shall be retained. Bidders are requested to provide

- 1. Their offers to integrate the proposed new video wall system to the existing AV infrastructure with required configurations change .The proposed systems shall be state of art & latest technology from reputed OEM.
- 2. Offer for Annual Maintenance Contract for existing Audio Visual Infrastructure.



# **3.1EXISTING SYSTEM**

Please refer the layout diagram Annexures 7.3to get clarity on the existing and proposed systems. The major drawback with current video wall is the grid effect caused due to the visible bezel width (black bar) where the four screens are put together. This bar disrupts the overall picture and divides into four individual small segments. The major components in the existing systems are:-

**a. Four 55" HD LED Video-wall displays** connected in 2x2 fashions, each of bezel width 1.8mm or less. These displays are arranged in a cascaded fashion as shown in the layout diagram so that the total combined width of the joining edges of the two cells together will not exceed 3.6 mm. Marked as (a) in the layout diagram.

## b. The main Multi format Scaling Presentation Matrix Switcher and other

transceivers for routing and switching the audio and video from various input and output devices. Marked as (f) in the layout diagram.

Inputs of Matrix Switch are as follows.

- 1. The presentation desktop connected with a camera
- 2. One wireless collaboration gateway
- 3. One cable cubby (through two mini input switchers)
- 4. The existing Video Conferencing Equipment Polycom Real Presence Group 700

Outputs are as follow.

- 1. The 2x2 55" main Video wall display (Video only)
- 2. The surface mount speakers (Audio Only)

3. And finally to the PC/Content input of the VC equipment so that the far end participant of the VC session can see the presentation/content from any input device attached to the input ports of the main matrix switcher.

**c. One Wireless collaboration equipment** for doing presentation directly from mobile devices with Wi-Fi (Laptops, Tabs, Handsets etc.). Marked as (e) in the layout diagram

**d. One presentation desktop with a conference camera** connected for Video Chat sessions like Zoom, Microsoft Teams and Cisco WebEx etc. The conference camera has been marked as item (g) and slim desktop has been marked as (h) in the layout diagram. Desktop will be managed by CSL internal IT team.



**e. One Video Conferencing equipment Polycom Real Presence Group 700** and one recorder EzRecorder 130. Marked as (c) & (d) in the layout diagram.

The list of major items is shown below

SL NO	ITEM	MAKE	QTY IN NOS
1	VC 520 Pro PTZ 3.0 USB Camera along with camera mount	Aver	1
2	Chat 160 USB Wireless Microphone System, for Skype calls & Web meetings	Clearone	1
3	Sharelink 200 N Wireless Collaboration Gateway	Extron	1
4	Extron DTP Crosspoint 84 4K IPCP SA 4K Scaling Presentation Matrix Switcher with Stereo power amplifier, Control processor & with touch panel integration facility	Extron	1
5	Real Presence Group 700 Video Conferencing System with Camera	Poly	1
6	SM26 Two-Way Surface Mount Speakers Pair Extron		1
7	I-pad Air with control app configured	Apple	1
8	Inductive Charging protective case for touch panel-AP.5 Sleeve	Launch port	1
9	Base station for item No 7&8	Launch port	1
10	Credenza Equipment Rack Valrack 1		1
11	Cisco Wireless Access point	Cisco	2
12	EzRecorder 130 – Stand Alone Video Recorder	Aver	1
13	Cable Cubby 700	Extron	3
14	USB Extender Plus AAP Rx	Extron	1

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15	Extron DTP T USW 233	Extron	2
16	USB Extender Plus T	Extron	1
17	DTP Receiver HDMI 230X	Extron	1
18	AC 100 Series Power Module	Extron	1
19	Male – Male 15 –pin HD micro HR with audio cables –Extron MVGA –A M-M/6	Extron	1
20	Ultra Flexible DVI-D cables	Extron	3
21	16 AWG Speaker Cable –SPK16	Extron	50
21	Male to Male 15-Pin HD micro HR with audio cables –Extron MVGA –A M-M/12	Extron	2
23	HDMI Cables ( HDMI Ultra/6/12/15 ,Micro/3)	Extron	12
24	USB cables ( 1.8 Mtr , 5 Mtr )	USB 3.0 USB 2.0	7

## **3.2PROPOSED SYSTEM**

With the proposed new architecture, new 110 "video wall shall be implemented to replace the existing 55" 2 x 2 video wall. The bidder shall take all the care to ensure that the newly installed 110 inch video wall works seamlessly integrated with the remaining existing components and delivers highest quality audio and video without any interruption.

# **3.3WARRANTY/AMC OF THE ENTIRE SYSTEM**

The newly implemented video wall system shall be under on-site warranty for three years from the date of successful commissioning.

The existing AV infrastructure without newly integrated video wall system shall be under the AMC of one year from the date of acceptance and acknowledgement of work order. The Warranty and AMC should cover periodic preventive maintenance once in a 6 month.



# **3.4GENERAL**

Any Civil work like wall/floor cutting, patching and plastering will be done by CSL, however the bidder should clearly define the requirements and give the required diagrams/layouts and sketches to CSL.

# 4. TENDER TERMS & CONDITIONS

- 1. CSL reserves the right to carry out the capability assessment of the bidder and the decision of CSL shall be final in this regard.
- 2. **Nature of tender** :- It is a two part tender namely:
  - (1) Part-I: Techno Commercial bid
  - (2) Part-II: Price Bid
- 3. Techno Commercial bid :- It should consist of the followings:
  - 1. The following forms duly filled, signed and stamped by the authorized signatory of the bidder.
    - (1) Form A1 : Pre-qualification criteria compliance checklist
    - (2) Form A2 : Technical specification compliance sheet for major items
    - (3) Form A3 : Details of the bidder (on letterhead)
    - (4) Form A4 : Expertise & Experience
    - (5) Form A5 : Details of all the projects as mentioned in Form A4
    - (6) Form A6 : Letter of confirmation / declaration
    - (7) Form A7 : Financial capability
    - (8) Form A8 : NEFT mandate form
    - (9) Form A9 : Price bid without rates and figures. (Blank)
  - 2. The relevant supporting documents as per the above forms signed and stamped by the authorized signatory of the bidder.

# 3. Please note that Part-I: Techno commercial bid SHOULD NOT CONTAIN ANY PRICE details.

4. **Price Bid:** Price for each of activities/items mentioned in Form A9 is to be quoted separately. This should be strictly in the price bid format shown as per Form A9 and also each page of this price bid document should be sealed and signed by the bidder.



Offer with price bid which is different from the format shown in Form A9 will be rejected and will not be considered for further processing.

- 5. **Bid submission method:-**The bids must be submitted in sealed envelopes as follows:-
  - (1) **First sealed envelope: -**This envelope should contain the Demand Draft for EMD or Valid Certificate proving the exemption from submission of EMD and should clearly superscript "EMD Demand Draft/Exemption Certificate: Upgradation of Video wall System in CSL board room." Please refer the section 16 under the "Tender Terms & Conditions" for submitting the EMD.
  - (2) **Second sealed envelope:** -This envelope should contain the Techno Commercial Bid and should clearly superscript "Part I –Techno Commercial Bid: Upgradation of Video wall System in CSL board room." Please see the clause 3 of this section for preparing the techno commercial bid.
  - (3) **Third sealed envelope:** -This envelope should contain the Price Bid and should clearly superscript "Part II Price Bid: Upgradation of Video wall System in CSL board room." Please see the clause 4 of this section for preparing the price bid.
  - (4) Fourth sealed envelope:-This envelope should contain the entire above mentioned first, second and third envelops and should clearly superscript "ISD/163/VWBR/VCUP/2023/01-Upgradation of Video wall System in CSL board room." The following information should also be written on the envelop:-
    - 1. Date Of Tender Opening
    - 2. Name and Address of the bidder.
    - 3. Address to which the bid is submitted as

Assistant General Manager (IT), Information Systems Department, 2nd Floor - Main Office Building, Cochin Shipyard Limited Perumanoor PO, Kerala, India, Pin: 682 015

6. Any corrections in the bid document should be authenticated by the bidder by putting signature with stamp.



- 7. The price bid enclosed along with the techno-commercial bid, instead of keeping it in a separate envelope, shall be out rightly rejected.
- 8. Sealed bids addressed to The Assistant General Manager (IT) should reach the address indicated in the tender notice on or before the due date and time. Bids submitted by email will not be considered and shall be rejected. CSL will not be responsible for postal delay, non-delivery/non receipt of tender documents or delivery of the bid in any address other than the address specified in the tender notice. It will be the sole responsibility of the bidder to ensure that the bid is delivered before due date and time in the specified address.
- 9. **Tender Opening:** All the tenders received up to the time and date mentioned as "Last date & Time of receipt of tender" in page 3 (Tender Notice) of this document will only be considered for further processing and tenders received late shall not be considered under any circumstances.

The offers without First Envelope, the offers with the contents to be put in First Envelope misplaced, and the offers without EMD Demand Draft or Valid Certificate for exemption will not be considered for opening.

**Part I (Techno Commercial bid)** will ONLY be opened on the date mentioned as "Date & Time of opening of Technical Bid (PART I)" in page 3 (Tender Notice) of this document, in presence of the bidders, if present.

**Part II (Price bid)** of ONLY qualified eligible bidders will be opened on a later date which will be informed to the qualified eligible bidders by CSL through email or phone. The bidder or his authorized representative may attend this price bid opening and shall sign in a register maintained by CSL as a proof of his attendance.

10. **Evaluation of offers:** - To conclude the tender, the evaluation of the offers will be done by competent authority within CSL. First, the Part I i.e. the techno-commercial bid of bidders will be evaluated for the technical suitability and the price bids of only those bidders who qualify in the Part I evaluation will be considered for opening and evaluation.

The price quoted by the bidder should be final and no escalation shall be permitted during the contract period except for statutory levies enhanced or introduced subsequent to the date of submission of the price bid duly supported by documentary evidence. The lowest price bid among the price bids submitted by the technically qualified bidders will be considered as the L1 bid provided all the tender terms and conditions are met by the lowest bid.



11. **Techno Commercial Bid Evaluation Criteria:** – For successfully qualifying in the techno commercial evaluation, the bidder should confirm to all the terms and conditions described in this document.

CSL also reserves the right to cancel the tender at any point of time without assigning any reasons whatsoever.

- 12. Award & Acceptance of Contract: -The successful bidder should take all care to accept the contract by signing the contract within seven days after intimation. The successful bidder should return a copy of the contract duly signed and sealed with his official organization seal as a token of acceptance. The effective date of contract shall be the date of signing of contract.
- 13. **Validity of Offers: -**Offer submitted by the bidder should be valid for a minimum period of 90 days from the date of opening of price bid.
- 14. **Language of the Bid: -**The bid as well as all the related documents, conversations and correspondence will be in English language.
- 15. **Eligibility/Pre-Qualification Criteria:** -Please refer the Form A1 under the section FORMS. The Form A1 clearly lists out the required pre-qualification criteria to be met by the bidder. The compliance check list for the pre-qualification criteria is also shown in Form A1. The bidder shall duly fill and submit Form A1 along with Part I Techno commercial bid.

The prospective bidder should satisfy all the criteria listed in Form A1. The bidder should clearly indicate the compliance towards each requirement as per the table furnished in Form A1. The bidders should also submit the valid documentary proof or respective certificates as mentioned in the prequalification compliance form. The techno commercial bids of those bidders who do not fully meet the prequalification criteria will not be considered for further processing.

If the bidder has amalgamated /merged with or acquired another legal entity, the bidder should satisfy the eligibility criteria subsequent to the date of such amalgamation /merger /acquisition. The bidder must comply with the above mentioned criteria. Non-compliance of the criteria will entail rejection of the offer. Relevant documents / recent certificates should be submitted as proof in support of the claims made for the above mentioned criteria. CSL reserves the right to verify the



claims made by the vendor independently. Any misrepresentation will entail rejection of the offer.

16. **EMD:** -Earnest Money Deposit (EMD) of Rs.1, 00,000/- (Rupees One Lakh Only) shall be remitted in the form of Demand Draft from Scheduled Banks in favor of "Cochin Shipyard Limited" payable at Kochi. Cash, Cheque, Bank Guarantee, Postal orders etc., are not acceptable.

No interest will be payable to EMD. EMD's of unsuccessful bidders will be returned only after awarding the work to the successful bidder. The EMD of the successful bidder will be returned only after execution of the Contract Agreement and after furnishing of the required Security Deposit / Performance Bank Guarantee.

Bidders with valid registration under National Small Industrial Corporation (NSIC) / Micro Small and Medium Enterprises (MSME) will be eligible for all relaxation subject to the submission of valid documents. To qualify for EMD exemption, firms should necessarily submit valid copy of the Registration Certificate along with the list of items / services for which they are registered, as issued by NSIC, in Part-I Technical Bid.

The EMD may be forfeited:-

- (a) Bidder withdraws amends, impairs or derogates from the tender, agreed conditions of TNC / TC in any respect within the period of validity of his offer.
- (b) Non-acceptance of order.

# 17.0thers terms

- (1) Bids once submitted shall not be returned to the bidder under any circumstances.
- (2) Any conditions or deviations submitted by the bidders other than in the prescribed forms published by CSL in this tender document will not be valid and CSL will not be liable for any such conditions/deviations. The compliance checklist submitted by the bidder as per the form/s provided in this tender document will be considered as final.
- (3) CSL reserves the right to modify, expand, restrict, scrap this proposal or reject any RFP any time without assigning any reason.



- (4) All corrigenda, addenda, amendments and clarifications to tender specifications will be hosted in the website www.cochinshipyard.in and Central Public Procurement Portal. Bidders shall keep themselves updated with all such developments till the last date and time of submission of the tender.
- (5) All costs and expenses incurred by the Recipient/ Bidder in any way associated with the development, preparation and submission of bids, including but not limited to attendance at meetings, discussions, demonstrations, etc. and providing any additional information required by the CSL, will be borne entirely and exclusively by the bidder.

# **5. CONTRACT TERMS & CONDITIONS**

The specific terms and conditions to be observed for the contract are as follows:-

- Delivery period: -The Video Wall implementation project has to be finished within two months or such other period as specified by CSL from the date of acceptance of the work order. The entire implementation should be under OEM comprehensive warranty for three years from the date of successful commissioning. The annual maintenance Contract will be effective and valid for one year from the date of acceptance and acknowledgement of work order, which can be extended on mutual consent basis, if the service is found satisfactory. However this will be the sole discretion of CSL. The bidder should acknowledge and accept the work order within 7 days from the placement of the same by CSL.
- **2. Service Level Adherence:** -CSL intends to partner with a bidder, having a common vision of ensuring high quality of service of IT operations' internal customers. CSL will like to put in place an incentive/ disincentive structure oriented towards this goal.
  - 2.1. The incidents reported should be attended as per below SLA table. Incident which do not require replacement / repair of parts / components should be resolved by CSL COB (Close of Business Day). The Incident which require replacement / repair should be resolved by end of next business day by ensuring 95 % of uptime facilitating standby arrangements. The detailed Root Cause Analysis should be prepared and get signed off by concerned CSL authority post fixing the issues.



Severity Level	Response Time	Resolution Time	Support Window	Penalty for Beyond Resolution Time
P1 (Critical)	10Mins	4 Hrs.	24*7	₹ 2000 per day of delay
P2 (Major)	20Mins	6 Hrs.	24*7	₹ 1250 per day of delay
P3 (Normal)	30Mins	10 Hrs.	24*7	₹ 1000 per day of delay

- **2.2.** The total penalty is capped at 10 % of the total contract value.
- **2.3.** Replacement of any components should be done in consultation with the CSL concerned officer. All the replaced components should be of same make present in the existing system .If the components are not available in the open market, replacement should be done with superior equivalent make after getting the necessary approval from CSL concerned authority.

# 2.4. Priority Definition :

Priority	Description
P1 Video Conference Functionality completely dow	
P1	100 % users are not able to use VC infrastructure.
	Slowness: Users experiencing slowness in conferencing.
P2	Intermittent Issues: Intermittent issue which is
	impacting meetings.
P3	One time issue which partially impacts the meeting.

**3.** Termination of the contract: -If the work is not fully completed within the stipulated time period, CSL reserves the right to terminate the contract and get the work completed from other alternative available sources at the risk, responsibility and cost of the bidder. CSL will notify the bidder in case of poor performance or progress in the project. In case adequate corrective measures are not taken by the bidder to improve the performance within 15 days from the date of receipt of such notice, CSL will have the right to terminate the contract either in full or in part and get the work completed by any other agency at the risk and cost of the bidder. The extra costs incurred to CSL due to the process of termination will be recovered from the bidder from the security deposit/performance bank guarantee/pending invoices if any and if necessary by legal procedures.

Also CSL will have the right to terminate this contract due to commissioning of any illegal act or causing breach of security by the bidder or any of their men, agent at the cost, risk and liabilities of the bidder. This contract shall also be terminated by CSL in the event of declared bankruptcy of the bidder.



The contract with the successful bidder may be terminated in the following circumstances also:

- (a) In the event of the successful bidder having been adjudged insolvent or going into liquidation or winding up their business or failing to observe any of the provisions of the contract or any of the terms and conditions governing the contract or failure to render the contracted services in time, CSL shall be at the liberty to terminate the contract forthwith without prejudice to any other right or remedies under the contract and to get the work done by other agencies at the risk and cost of the successful bidder and to claim from the successful bidder any resultant loss sustained or costs incurred.
- (b) When the successful bidder is found to have made any false or fraudulent declaration or statement to get the contract or he is found to be indulging in unethical or unfair practices.
- (c) When both parties mutually agree to terminate the contract.
- (d) If the successful bidder transfers or assigns the contract or any part thereof to a third party, without the prior consent of CSL in writing

SL NO	MILESTONE FOR PAYMENT	PAYMENT SCHEDULE
Implem	entation Phase	
1	After the complete delivery of full material components	80% of Material Cost (Sl no A.I of Part A in the price bid Form A9)
2	After successful completion of installation	Remaining 20% of Material Cost (Sl no A.I of Part A in the price bid Form A9) + 100% of Installation and Commissioning Charges (Sl no A.II of Part A in the price bid Form A9
<b>AMC for existing VC components.</b> Please refer 3.1 under Scope of Work for device details		
3	AMC First Year	100% at the end of the AMC year*

### 4. Payment Terms:



\* Payment for the AMC period will be paid on submission of the invoice at the end of contract year as per the SLA terms and conditions. The SI shall submit the invoice only after resolving all the issues reported till the end of the previous period.

- **5. Performance Bank Guarantee (PBG):** The successful bidder shall remit 2 PBG (Warranty and Maintenance Support) as below.
  - 1. Security Deposit / PBG for Installation and Warranty: 3 % of the total value of the items under serial no A.I (Materials & Supply) and A.II (Installation, testing, commissioning) of Part A in the FORM A9: FORMAT FOR PRICE BID (excluding taxes and duties) as per the format mentioned in 'Annexure 7.2 Bank Guarantee in lieu of Security Deposit/ Warranty Guarantee' from a Scheduled Indian bank to be submitted towards the satisfactory performance of the work done as per the contract during the agreed warrantee period. The PBG should be valid till the completion of the warranty period and a grace period of 90 days.

Fixed Deposit Receipt (for equivalent amount of security Deposit required as per tender) in lieu of bank guarantee is also acceptable. Fixed Deposit Receipt shall be in the name of supplier with lien marked in favor of Cochin Shipyard Limited, Kochi.

Non-Submission of Security deposit: Exemption towards submission of Security deposit will not be granted to any bidders (excluding firms exempted as per govt. guidelines (like MSME /NSIC etc.).

2. PBG for Maintenance Support. When an order is placed on the bidder, bidder shall submit a Bank Guarantee equivalent to 3% of the total value of the items under Part B in the FORM A9: FORMAT FOR PRICE BID (excluding taxes and duties) as per the format mentioned in 'Annexure 7.2 - Bank Guarantee in lieu of Security Deposit/ Warranty Guarantee' from a Scheduled Indian Bank for enforcement of satisfactory performance of the work done as per the contract during the agreed maintenance support period.

Fixed Deposit Receipt (for equivalent amount of security Deposit required as per tender) in lieu of bank guarantee is also acceptable. Fixed Deposit Receipt shall be in the name of bidder with lien marked in favor of Cochin Shipyard Limited, Kochi

The Bank Guarantee for Maintenance Support shall be returned to the bidder at the end of the maintenance support period plus 30 days and on satisfactory



liquidation of all guarantee claims, if any. Exemption towards the submission of Warrantee Bank Guarantee shall not be granted to any bidders excluding firms exempted as per Govt. guidelines. If the bidder doesn't submit SD/BG for maintenance support as per CSL GTC, CSL reserves the right to withhold the remaining payments of the bidder or 5% of total order value (excluding taxes and duties) will be added to quote price for tender comparison or evaluation, on case to case basis, for arriving at lowest bid.

Non-Submission of Security deposit / PGB: Exemption towards submission of Security deposit / PBG will not be granted to any bidders

- 6. Liquidated Damage for Delays: If the bidder fails in the due performance of the contract within the time fixed by the contract or any extension thereof, bidder shall be liable to pay liquidated damages to the extent of a sum of 0.5% of the contract value per week, subject to a maximum of 10% of the contract value excluding tax. Once the maximum is reached, CSL may consider termination of the contract. In assessing such delays, CSL Project Manager's decision is final and binding on the bidder. The penalty for late delivery will be deducted from the bill amount.
- 7. Practice of Safety Methods: -The bidder shall abide the CSL Safety Rules and carry out the works observing all safety precautions for the safety of his workmen. The bidder's supervisor shall ensure that the workmen are using Personal Protection Equipment (PPE) like safety shoes, safety helmets, safety belts, safety ladders etc. while working at heights, and are following the safety methods. Power shut down/permit to work shall be obtained from the concerned authority before commencing works near live power lines. The bidder shall be solely responsible for ensuring and observing all such safety measures by his workmen.
- **8.** Maintain safe environment:-Upon completion of the work, bidder shall clear the area and shall not leave any occupational health / safety/ environmental liabilities to CSL, from their activities at their worksites.
- **9. Risk Purchase:** If the successful bidder after accepting the work order, fails to provide the services ordered within the delivery period or violate any of the terms and conditions of the work order; CSL shall have the following rights.

a) To terminate the contract with 15 days' notice forfeiting the security deposit if any.b) To initiate alternate procurement action at the risk and cost of the supplier.



# 6. GENERAL TERMS & CONDITIONS

- **1.** Force Majeure: -The contractor shall not be responsible or liable for any failure or delay on its part to fulfill or perform any of the Terms or Obligations, if such failure or delay is caused by any factor or any event beyond the reasonable control of the contractor (including but not limited to Fire, Earthquake, Waves, Insurrection riots, Civil commotion, Government actions, Licenses, Embargoes, Orders or Restrictions). However the occurrence or cessation of the force majeure situation is to be informed within 15 days from the occurrence or cessation
- 2. Confidentiality: -This request for proposal and all materials submitted by CSL for this purpose, must be considered confidential, and may not be distributed or used for any purpose other than the preparation of a response for submission to CSL. The Bid documents shall remain the exclusive property of the CSL without any right to the Bidder to use them for any purpose other than the preparation of a response for submission to CSL. Non-disclosure agreement (NDA) as per Annexure 7.1 shall be signed by the successful bidder within one week from the date of formal commencement of the project. Disclosure of any part of the information contained therein to parties not directly involved in providing the services/products requested, could result in disqualification and/or legal action. When submitting confidential material to CSL, the bidder must clearly mark it as such.

Also the contractor acknowledge that all material and information which has or will come into its possession or knowledge in connection with this work or the performance hereof, consists of confidential and propriety data, whose disclosure to or use by third parties will be damaging or cause loss to CSL. The contractor agrees to hold such material information in strictest confidence, not to make use thereof other than for the performance of this work, to release it only to employees requiring such information, and not to release or disclose it to any other parties. The contractor shall take appropriate action with respect to its employees to ensure that the obligation of non-use and non-disclosure of confidential information under this work are fully satisfied.

**Indemnity And Insurance:** -The contractor waives all rights against CSL and shall indemnify and hold CSL, its representative agents and employees harmless from and against any and all claims and liabilities, in respect of damages to or loss of contractor's property of all sorts including loss of use thereof and also in respect of all claims for death or injury caused to any of the contractor's personnel, arising out or in relation to the performance of the CONTRACT.



The contractor shall indemnify CSL against all claims for death or injury caused to any person, where a workman or not, while engaged in any process connected with the contract or for dues of any kind whatsoever and CSL shall not be bound to defend any claim brought under the Workmen's Compensation Act 1923, or for dues under the Payment of Wages Act 1936 or under the Employees Provident Fund Act, or the Employees State Insurance Act, or any other Statutory Act or Law from time to time and applicable to the said work.

- **3.** Jurisdiction and Arbitration: -All disputes or differences arising under, out of or in connection with the contract shall be subject to the exclusive jurisdiction of the Courts in Ernakulum, Kerala, India.
- **4. Conflict of Interest:** -CSL requires that bidder strictly avoid conflicts with other assignments/jobs or their own corporate interests and act without any consideration during the System Integration services. In case the bidder has any subsisting interest, either by themselves or through their partners, that is likely to conflict the work specified in the Scope of Work, CSL reserves the right to accept or reject such bids.
- **5. Startup Firms / MSEs or Otherwise:** -For Start-ups (MSEs or otherwise), the turnover and prior work experience expressed in monetary terms, are relaxed to 50% of the prescribed limit in this tender. Start-up Registration certificate as defined under notification of DIPP GSR 501(E) dated 23 May 2017 shall be submitted along with offer for availing the above relaxations.



# 7. ANNEXURES

## 7.1 NON-DISCLOSURE AGREEMENT (NDA) FORMAT

#### NON-DISCLOSURE AGREEMENT

M/s Cochin Shipyard Limited, Perumanoor PO, Cochin-682015, (hereinafter called M/s CSL) has entered into a contract with M/s(Company Name), with its registered office at (Office address), (hereinafter called M/s (Company Name in Short) for the "UPGRADATION OF AUDIO VISUAL SYSTEM IN CSL BOARD ROOM " in CSL, by placing Purchase Order (PO) (PO number) dt.(PO date) for an amount of RS.(PO Amount) on M/s(Company Name). As per confidentiality Clause (Clause no) of the PO, a Non-disclosure agreement has to be signed between M/s (Company Name) and M/s CSL for complying the same without any level of dilution.

This Non-Disclosure Agreement, dated as of (Agreement date) is made and signed between M/s CSL and M/s (Company Name) in connection with the UPGRADING OF AUDIO VISUAL SYSTEM IN CSL CONFERENCE ROOM in Cochin Shipyard Limited. M/s (Company Name) means any person employed by M/s (Company Name) either directly or through their sub-contractors or provisional employees or trainees working for the UPGRADATION OF AUDIO VISUAL SYSTEM IN CSL BOARD ROOM in CSL and M/s CSL means any person of CSL employed either directly or through their sub-contractors or provisional employees working for CSL. In this Agreement, unless the context otherwise requires. M/s CSL and M/s (Company Name) shall hereinafter be jointly referred to as the "Parties" and individually as the "Party"- The Party hereinafter disclosing information shall be referred to as the "Disclosing Party" and the Party hereinafter receiving information shall be referred to as the "Recipient" or "Receiving Party".

The Non-disclosure agreement covers the following;

a) Information relating to the UPGRADATION OF AUDIO VISUAL SYSTEM IN CSL BOARD ROOM at M/s CSL shall not be disclosed by M/s (Company Name) to any agency or any other persons not officially concerned with such process. The undue use by M/s (Company Name) of confidential information related to the process may be treated as breach of confidentiality and dealt with accordingly. Except with the prior written consent of M/s CSL, M/s (Company Name) shall not at any time communicate either in hard copy form or electronic means or in any other mode to any other organization, person or entity any confidential information acquired in the course of the contract.

b) Neither Party will disclose to any third party without the prior written permission consent of the other party any confidential information which is received from the other party for the purpose of providing or receiving services.



c) Each party will take measures to protect the confidential information of the other party that, in the aggregate are no less protective than those measures it uses to protect the confidentiality of its own comparable confidential information, and in any event, not less than a reasonable degree of protection. Both parties agree that any confidential information received from other party shall only be used for the purpose of providing or receiving services under the above referenced contract for UPGRADATION OF AUDIO VISUAL SYSTEM IN CSL BOARD ROOM in CSL.

In this agreement "Confidential Information" shall mean any information relating to the Disclosing Party's business, commercial information or any information of a technical nature comprising inter alia products, processes, methodologies, frameworks, models, ideas, interpretations, Legal, technical and other documents, manuals, tariffs, standards, software, discs, reports, research, working notes, papers, data or information in wired or wireless mode, drawings, layout , installation details of any equipment/crane/ machinery, data and techniques used by/owned by "Cochin Shipyard Limited" in connection with UPGRADATION OF AUDIO VISUAL SYSTEM IN CSL BOARD ROOM in whatever form, provided all oral disclosure of confidential information is submitted by the Disclosing Party in writing to the Recipient within 30 (thirty) days, indicating compliance to the terms of this agreement.

In due consideration of the above, Cochin Shipyard Limited granting M/s (Company Name) access to the Confidential Information and vice-versa, the Parties undertake that: 1. Subject to Clause 8 below, the Recipient will keep the Confidential Information strictly confidential and will not disclose it to any third party without the Disclosing Party's prior written consent, at any point of time.

2. Confidential Information will be disclosed only to those personnel and permitted assigns of the Recipient who need access to the Confidential Information for the proper performance of their duties in relation to the project and only to the extent necessary for the purpose of UPGRADATION OF AUDIO VISUAL SYSTEM IN CSL BOARD ROOM in CSL. The Recipient, will solemnly take required steps appropriately in all means to ensure that all personnel to whom access to the Information is given are aware of its confidentiality and that they are bound by restrictions at least as onerous as those placed on the Parties by the terms of this agreement.

3. The Parties acknowledge that some or all of the Information is or may be price sensitive information and that the use of such information may be regulated or prohibited by applicable legislations and the Recipient undertakes not to use any such Information for any unlawful purpose. On acquiring any Confidential Information, the Recipient shall comply with all applicable laws in India in relation to insider trading and otherwise the acquisition of securities.

4. The Recipient agree to indemnify and hold harmless the Disclosing Party, its partners and staff and any of the Disclosing Party's clients to whom the Information relates against all loss, damage and expense (including legal expenses relating to any actions,



proceedings and claims brought or threatened) of whatsoever nature and howsoever arising out of any breach by the Recipient of the confidentiality obligations under this Agreement.

5. Confidential Information disclosed to the Recipient will be used solely for the purpose of UPGRADATION OF AUDIO VISUAL SYSTEM IN CSL BOARD ROOM in CSL.

6. The Recipient shall establish and maintain all reasonable security measures to provide for the safe custody of the Information in whatever form it may be and to prevent unauthorized access to it.

7. This Agreement shall remain in effect for 10 years from the Effective Date of this Agreement ("Term"). On completion of UPGRADATION OF AUDIO VISUAL SYSTEM IN CSL BOARD ROOM in CSL, the Recipient shall return all the Confidential Information disclosed to the Recipient and any copies thereof in whatever form it may be including soft copies, electronic forms to the Discloser.

8. The obligations contained above shall not apply to any Information which is or subsequently comes into the public domain otherwise than through a breach of this agreement; is already rightfully in the Recipient's possession; is obtained by the Recipient from a third party without any restriction on disclosure;

The Recipient required to disclose by law or professional or regulatory obligation with the Disclosing Party's prior written consent.

9. Each party shall be responsible for any breach of this Agreement by any of their respective Representatives. If the Recipient becomes aware of any breach of confidence or threatened breach of confidence by any of the Recipient's direct employees or provisional employees including trainees or agents or sub-contractors, the Recipient will promptly notify the Disclosing Party of the same and give the Disclosing Party all reasonable assistance in connection with any proceedings which the Disclosing Party may institute against such persons. In case of breach of confidence, the damages will be assessed by the discloser and compensation claimed from the recipient as per the suitable laws as applicable in India including Indian Penal Code, Information Technology Act 2000, Intellectual Property law, Indian Contract Act, company laws and the jurisdiction for all such proceedings will be at the courts at Ernakulum.

10. The Recipient shall comply with the obligations set out herein throughout the tenure of contract and thereafter.

11. The Recipient acknowledges that the Disclosing Party shall retain the copyright and intellectual property rights in the Confidential Information and that the Receiving Party shall not copy, adapt, transmit through wired media or wireless media, modify or amend full or any part of the Confidential Information or otherwise deal with any part of the Confidential Information except with the prior express written consent of Disclosing Party during period of the above contract.



12. This Agreement shall be fully governed by and construed in accordance with the relevant laws of India.

13. Notices: Any notice, claim or demand in connection with this agreement shall be given in writing to the relevant party at the address set out herein and sent by letter/fax shall be deemed received when properly sent, any notice sent by hand shall be deemed received when actually delivered and any notice sent by post shall be deemed received 72 hours after posting. A copy of all notices/replies sent between M/s CSL and M/s (Company Name) shall be emailed to (Company mail id) &<u>harikrishnan.mk@cochinshipyard.in</u> respectively.

For M/s Cochin Shipyard Limited AGM (IT)

For M/s (Company Name) Business Head

Witness: 1 Witness: 2 Witness: 1 Witness: 2



## 7.2 BG /SD FORMAT

#### BANK GUARANTEE IN LIEU OF SECURITY DEPOSIT/WARRANTY GUARANTEE.

То

# COCHIN SHIPYARD LTD (GOVT. OF INDIA ENTERPRISE,) PO BAG No. 1653, PERUMANOOR PO, COCHIN 682 015.

AND WHEREAS it has been stipulated by COCHIN SHIPYARD LTD (The Buyer – hereinafter called "CSL") in the said contract that the Supplier shall furnish CSL with a Bank Guarantee for the sum specified therein as security for compliance with the Supplier's obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier such a Bank Guarantee.

NOW THEREFORE we ...... (Name of the Bank) having its Head Office at ...... (Address of Head Office) and acting through its branch office at ...... (Address of the executing branch) (Hereinafter called "the Bank") hereby affirm that we are the Guarantor and responsible to CSL, on behalf of the Supplier up to a total of .......in words).

We, the bank, hereby irrevocably undertake to pay you any amount not exceeding in total the Guarantee Amount upon receipt by us of your demand in writing accompanied by the following documents:

Your signed statement certifying that the Supplier is in breach of his obligation(s) under the Contract and the respect in which the Supplier is in breach.

Your signed statement certifying that the Supplier has been given a prior written notice by email from you to make good the aforesaid breach and that the Supplier still failed to fulfil the Contract within 30 days of such notice. A copy of such notice given by email to the Supplier shall be attached to the demand for payment.

Any demand for payment should contain your authorized signatures which must be authorized by your bankers or by a notary public.



We, the Bank, further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between CSL and the Supplier shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification. We, the Bank, further agree that any change in the constitution of the said contractor or the said bank shall not discharge our liability hereunder.

Notwithstanding anything contained herein:

2. This Bank Guarantee shall be valid up to (date) and

3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if CSL serve upon us a written claim or demand on or before ......(validity date).

Any demand for payment under this guarantee must be received by us at this office during working hours on or before the validity date. Should we receive no claim from you by the validity date, our liability to you will cease and the guarantee will definitely become null and void whether returned to us or not.

Yours truly,

Signature and seal of the guarantor: .....

Name of Bank: .....

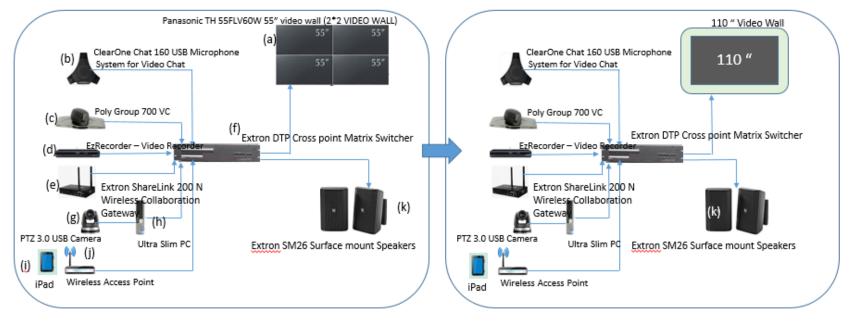
Address: ..... Date: .....

[1] An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract and denominated in respective Dollars / Indian Rupees/Other Currency.



## 7.3 LAYOUT DIAGRAM





#### PROPOSED SYSTEM



# 8. FORMS FORM A1: PRE-QUALIFICATION CRITERIA COMPLIANCE CHECKLIST

SL NO	CRITERIA	COMPLIANCE (YES/NO)	SUPPORTING DOCUMENTS REQUIRED	PAGE NO. OF FORMS AND OTHER DOCUMENTS IN THE BID
1	The bidder should be a company registered in India under the Companies Act or a Limited Liability Partnership (LLP) registered in India with a registered office and operations in India. The company should be operational in India for at least last five financial years as on releasing date of RFP (Joint venture / consortium bids will not be accepted).		Certificate of Incorporation issued by the Registrar of Companies, India shall be submitted as part of the proposal.	
2	The bidder should not have been blacklisted/banned/under tender holidays by any State/Central Government organizations /Firms / Institutions/ Central PSU / PSE in last three years as on releasing date of RFP.		Self-declaration in the form given at Form-A6	



3	Bidder should have successfully completed minimum one Audio Visual or Video Conferencing or similar system implementation of total order value not less than 50 lakhs including taxes within the last six years from the date of publishing of this tender. OR Bidder should have successfully completed minimum two Audio Visual or Video Conferencing or similar system implementation of total order value not less than 30 lakhs including taxes within the last six years from the date of publishing of this tender.	<ol> <li>Form A3</li> <li>Form A4</li> <li>Form A5</li> <li>Copies of respective completed Pos/Work Order or Contracts</li> <li>Work Completion Document or Certificate</li> </ol>
4	The bidder should have an average turnover of Rs. 6.00 Crore from operations in India for the last three financial years as on 31st March 2022.	Audited Balance Sheets and Profit & Loss account for the last three financial years and certificate from the statutory auditor shall be submitted. (Supported with Form A6 certified by statutory auditor).



# FORM A2: TECHNICAL SPECIFICATION COMPLIANCE SHEET FOR MAJOR ITEMS

ITEM #	<sup>#</sup> 110" Display Video Wall with HDMI I/P & RS-232 Connectivity		
	COMMERCIAL DISPLAY - 110 "		
	Model Quoted		
Sl No	Description	Specification Parameter	Compliance Yes/No
1.	Diagonal Size	110 inch	
2.	Туре	Edge/Direct LED/IPS panel	
3.	Resolution	3840*2160 (4K UHD)	
4.	Brightness(Typ.)	500 nit or higher	
5.	Contrast Ratio	Min 1200:1	
6.	Viewing Angle(H/V)	178/178	
7.	Response Time(G-to-G)	8ms(Typ.)	
8.	Life Time ( typ)	50000 Hrs	
9.	Operation Hour	16/7	
10.	Speaker Type	Built in Speaker(10W + 10W)	
11.	Input Connectivity	HDMI (HDCP2.2),DP/DVI , 3G SDI,USB,RJ45	
12.	Output Connectivity	Stereo Mini Jack Audio	
13.	External Control	RS232C or RJ45	
14.	Storage	16 GB or more.	
15.	Warranty	3 Years.	
16.	Mounting brackets	Mounting brackets has to be supplied	
17.	Approved Make	Samsung/LG/Sony/Panasonic	



## FORM A3: DETAILS OF THE BIDDER (ON LETTERHEAD)

SL #	PARTICULARS	DETAILS
1	Name of the Bidder	
2	Address of the Registered office	
3	Key Management Personnel	
4	Project Manager for CSL project	
5	Contact Person for Bid related intimation Name : Designation : Email : Mobile No:	
6	Turnover for last three financial years	2019-20       2020-21       2021-22
	Net profit for last three financial	2019-20
7	years (Supported with Audited Balance	2020-21
,	Sheet and Profit & Loss Account or Annual Report for the last three financial years)	2021-22
8	PAN (Copy to be attached and specify page No)	
9	GSTIN (Copy of to be attached and specify page No)	

We hereby declare that all the information and statements made in this proposal are true and accept that any misrepresentation contained in it may lead to our disqualification.

Date:	Authorized Representative Signature:
Place:	Name:
Designation:	



Company Name:

Seal of Company



# FORM A4: EXPERTISE & EXPERIENCE

SL NO	PROJECT DESCRIPTION & DETAILS*	TOTAL PROJECT COST	PAGE NO OF THE SUPPORTING DOCUMENTS IN THE BID
1			
2			
3			

## \* Attach separate work sheet wherever required.

Date:	Authorized Representative Signature:				
Place:	Name:				
Designation:					
Company Name:					
Seal of Company					



## FORM A5: DETAILS OF ALL THE PROJECTS AS MENTIONED IN FORM A4

SL NO	NAME OF THE ORGANIZATION (INCLUDING ADDRESS)	TYPE OF ORGANIZATION (MENTION GOVT/ PSU/PSE/ OTHERS)	PO NO & DATE	PO AMOUNT IN INR	CURRENT STATUS OF THE PROJECT	CONTACT PERSON, TELEPHONE NO & EMAIL ID OF THE CUSTOMER	PAGE NOS OF THE PO COPY AND WORK COMPLETION IN THE BID DOCUMENT

# (May attach separate sheet if required)

\*Copy of Purchase order /Contract and WCC/documentary proof of completion to be attached

Date: Authorized Representative Signature:			
Place:	Name:		
Designation:			
Company Name:			
Seal of Company			



# FORM A6: LETTER OF CONFIRMATION / DECLARATION

#### LETTER OF CONFIRMATION / DECLARATION

To,

The Assistant General Manager (IT), Information Systems Department, Administrative Building, Cochin Shipyard Limited, Perumanoor P.O., Kerala, India - 682 015

RFP Ref. No .:-

Dear Sir,

We confirm that we will abide by the conditions mentioned in the Tender Document (RFP and annexure) in full and without any deviation.

We shall observe confidentiality of all the information passed on to us in course of tender process and shall not use the information for any other purpose than the current tender.

We confirm that we have not been black listed/banned in last three years, from the date of floating of the RFP or at the time of submission of Tender, by any State/Central Government organizations / Firms / Institutions/ Central PSU / PSE.

Date:	Authorized Representative Signature:
Place:	Name:
Designation:	
Company Name:	
Seal of Company	



# FORM A7: FINANCIAL CAPABILITY

Sr. No.	Financial Year	Annual Revenue / Turn Over *	Net worth as at the end of the financial year
1	2019-20		
2	2020-21		
3	2021-22		

\*Attach separate work sheet if required.

Date:	Authorized Representative Signature:			
Place:	Name:			
Designation:				
Company Name:				
Seal of Company				



# FORM A8: FORMAT FOR NEFT MANDATE FORM

### **Electronic Payment Mandate Form**

## (Mandate for receiving payments through NEFT Cochin Shipyard Ltd)

1)	Vendor/Contractor Name	:
2)	Vendor/Contractor Address	:
3)	Vendor Code	:
4)	Permanent Account Number(PAN)	:
5)	Particulars of Bank Account	
	a) Name of the Bank	
	b) Name of the Branch	
	c) NEFT/IFS Code of the Bank	
	d) Branch Code	:
	e) City Name	:
	f) Branch Location	:
	g) Branch Telephone Number	:
	h) 9-digit MICR Code	
-	_	the correct code from your bank for proper
iden	tification of city, bank, and branch)	
	i) Type of the Account(S.B, Current or Cash Credit) with code (010/011/013)	
6)	<ul> <li>j) Account Number (as appearing on the Cheque Book)</li> <li>Email Address of Vendor</li> </ul>	
0) 7)	Date of Effect of RTGS/NEFT in your Bank	
,		enable us to verify the details mentioned above)
-		
del		ve are correct and complete .If the transaction is ct information, we would not hold the company

(.....) Signature of vendor

#### **Bank Certificate**

We certify that	has an Account No	with
Us and we confirm that the details given a	bove are correct as per our records.	
Date:		
Place:	(	)

Authorized official of Bank



## FORM A9: FORMAT FOR PRICE BID

UNPRICED BID (In Indian Rupees)											
Te	Tender No : ISD/163/VWBR/VCUP/2023/01										
Na	me of Work : Upgra	adation of	audio visual	system in CS	L Boardroon	n					
SL NO	ITEM DESCRIPTION	HSN CODE	QUOTED MAKE	QUOTED MODEL	UNIT OF MEASURE	QUANTITY (A)	UNIT RATE <b>(B)</b>	AMOUNT EXCLUDING TAXES (C)=(A)*(B)	GST %	GST AMOUNT (D)	TOTAL AMOUNT INCLUDING TAX (E= C + D)
	PART A	Supply, I warranty		esting, comm	nissioning an	ld maintenan	ce of AV Sys	stem with 3 ye	ear Comp	orehensive (	DEM
A.I	SUPPLY PART										
1	110" Display Video Wall with HDMI I/P & RS-232 Connectivity& Required Accessories				Nos	1					
							Т	otal Amount	for Supp	ly part- A.I	
A.II	WORK PART						•	•	•		
1	1     Programming, Installation, Testing and Commissioning of the video Wall system     Activity     1										
	Total Amount for Work part – A-II										
	Grand Total Amount for Part A (A.I + A.II Inclusive of all Taxes)										



	PART B	Compre	Comprehensive AMC (Annual Maintenance Contract) Charges for existing AV system ( 1 year )									
SL NO	ITEM DESCRIPTION	HSN CODE	QUOTED MAKE	QUOTED MODEL	UNIT OF MEASURE	QUANTITY (A)	UNIT RATE(B)	AMOUNT EXCLUDING TAXES (C)=(A)*(B)	GST %	GST AMOUNT (D)	TOTAL AMOUNT INCLUDING TAX (E= C + D)	
1	PTZ 3.0 USB Camera along with camera mount		Aver	VC 520 Pro	Nos	1						
2	Wireless Collaboration Gateway		Extron	Sharelink 200 N	Nos	1						
3	USB Wireless Microphone System, for Skype calls & Web meetings		Clearone	Chat 160	Nos	1						
4	Matrix Switcher		Extron	DTP Crosspoint 84 4K	Nos	1						
5	Two-Way Surface Mount Speakers Pair - White		Extron	Extron SM26	Nos	1						
6	Tablet touch panel with Wi-Fi		Apple	iPAD	Nos	1						
7	Inductive Charging protective case for touch panel		Iport		Nos	1						
8	Base station for above 2 items		Iport		Nos	1						



9	Credenza	Valrack	Nos	1			
	Equipment Rack						
10	Cable Cubby 700	Extron	Nos	3			
11	USB Extender Plus AAP Rx	Extron	Nos	1			
12	Extron DTP T USW 233	Extron	Nos	2			
13	USB Extender Plus T	Extron	Nos	1			
14	DTP Receiver HDMI 230X	Extron	Nos	1			
15	AC 100 Series Power Module	Extron	Nos	1			
16	Wireless Access point	Cisco	Nos	2			
17	Male – Male 15 – pin HD micro HR with audio cables –Extron MVGA –A M-M/6	Extron	Nos	1			
18	Ultra Flexible DVI-D cables	Extron	Nos	3			
19	16 AWG Speaker Cable –SPK16	Extron	Nos	50			
20	Male to Male 15- Pin HD micro HR with audio cables –Extron MVGA –A M- M/12	Extron	Nos	2			
21	HDMI Cables ( HDMI Ultra/6/12/15 ,Micro/3)	Extron	Nos	12			



22	USB cables ( 1.8 Mtr , 5 Mtr )			Nos	7						
23	Video Conferencing System with Camera	Poly	Real Presence Group 700	Nos	1						
24	Stand Alone Video Recorder	Aver	EzRecorde r 130	Nos	1						
					Grand Tot	al Amount	for PART B(In	clusive of	f all Taxes)		
GRAND TOTAL FOR PART A AND PART B INCLUSIVE OF ALL TAXES											
all wo Teo cor	(Rupee taxes and duties) and ag rks as per Scope of work, chnical specifications a nditions indicated in Tend ted	ree to complete the , nd all Terms and	Date: Name Addres	Signature of Tenderer: Date: Name of Tenderer: Address/Seal" Contact No /Email:							
1.	TE:- In the case of error in m calculated accordingly. Individual lowest rate w					-					
<ol> <li>L1.</li> <li>The prices should be quoted in INR only.</li> <li>GST should be mentioned in the separate column as provided in the format.</li> <li>Providing price bid other than this format may lead to rejection of the bid.</li> </ol>											
6. The bidder who has submitted the lowest total cost among the qualified bidders shall be eligible for award of contract and full order will be placed on the single firm. Splitting of order will not be considered for this project. If two or more bidders submitted the same L1 amount, then CSL will select the bidder with highest number of system implementations.											