



India Meteorological Department
Mausam Bhawan, Lodi Road
New Delhi-110003

Notice Inviting Tender (NIT)

e-Tender Enquiry No. CPU/52/1118/9887

Dated: 14.12.2018.

1. Director General of Meteorology (DGM), India Meteorological Department (IMD), Ministry of Earth Sciences (MoES), Government of India, on behalf of president of India invites ONLINE e-TENDER in two bid systems from qualified bidders i.e. (i) Techno-commercial bid & (ii) Price bid from eligible and qualified firms for supply, installation & commissioning of following Goods/Articles/Services. Manual bids shall not be accepted.
2. Name of Goods/Article/Services: Procurement of Video wall system with three years warranty and three years CAMC
3. Quantity & Specification : As per RFP section under tender enquiry document.
4. Tender schedule is as follows:

1.	PRE BID Conference (A) Date & Time (B) Venue	28.12.2018 /1100 Hrs ISS Division, IMD, Lodi Road, New Delhi-110003
2.	Closing date and time for submission of tender	15.01.2019 / 1700 Hrs
3.	Tender Opening date & time (Technical Bid)	18.01.2019 / 1200 Hrs
4.	Place of Tender opening	Central Purchase Unit O/o DGM, IMD Lodi Road ,New Delhi-110003

5. Earnest Money Deposit (EMD): Rs.4,00,000/- (Rupees Four lakhs only). EMD shall be accepted from the participating firm only in the form of Bank Guarantee (BG)/Fixed Deposit Receipt (FDR). Signed and

scanned copy of EMD document and MSME/NSIC certificate must be uploaded on CPP portal at <https://eprocure.gov.in/eprocure/app> . Original EMD in the form of BG/FDR and Certificate for exemption of EMD must be submitted in Central Purchase Unit (CPU) room No.517 on or before closing of bids submission date. EMD shall be valid for 240 days from the date of opening of tender. Other forms of EMD documents will not be accepted.

6. (a) Micro and small Enterprises registered as OEM for stores and services specified in this tender with any government bodies specified by Ministry of Micro, Small & Medium Enterprises are exempted for submitting the earnest money deposit (EMD).
(b) Firms other than SSI registered as OEM for stores and services NSIC, are also exempted for submitting EMD.
(c) The exemption and relaxation in EMD are subject to validity of their registration on the date of opening of tender.
7. All prospective tenderers are requested to attend the Pre Bid meeting if mentioned above. The venue, date and time are indicated in the Para 4 above.
8. The bidder shall download the Tender Enquiry Document from <https://eprocure.gov.in/eprocure/app> and <http://www.imd.gov.in/pages/tenders.php> Bidder shall upload their tender ONLINE through <https://eprocure.gov.in/eprocure/app> along with scanned copies of EMD as mentioned in Para 5 above. Manual bids are not accepted.
9. EMD may be issued in the favour of “DDO, O/o Director General of Meteorology, IMD, New Delhi” and payable at New Delhi.

10. Purchaser: The President of India
Through Director General of Meteorology
India Meteorological Department
Lodi Road, New Delhi-110003

11. Consignee: ISSD,
India Meteorological Department,
Lodi Road, New Delhi-110003.

12. Testing & Acceptance Authority : Head (ISSD)
Lodi Road, New Delhi-110003

Central Purchase Unit (CPU)
O/o Director General of Meteorology
Lodi Road, New Delhi-110003.
Email : cpu.imd@imd.gov.in



**India Meteorological Department
Mausam Bhawan, Lodi Road
New Delhi -110003**

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**SECTION – I
GENERAL INSTRUCTIONS TO BIDDERS (GIT)**

Note : The bidder shall submit their bid as per Scope of the RFP document.

1. Introduction :

The Purchaser has issued this TE documents for purchase of goods/stores/articles and related services as mentioned in “**Request for Proposal (RFP)** ” ,which also indicates, *inter alia*, the required stores, delivery schedule, terms and place of delivery etc. This section (“General Instructions to Bidders”) provides the relevant information as well as instructions to assist the prospective Bidders in preparation and submission of tenders.

Bidders shall have to agree/accept all the terms and conditions of tenders including payment terms etc. Acceptance shall be unconditional and bidders shall have no claim and right in future on their terms if any.

2. Language of Tender:

The tender submitted by the Bidder and all subsequent correspondence and documents relating to the tender exchanged between the Bidder and the purchaser, shall be written in English language.

3. Eligible Goods and Services:

All goods and related services to be supplied under the contract shall have their origin in India or any other country with which India has not banned trade relations. The term “origin” used in this clause means the place where the goods are mined, grown, produced, or manufactured or from where the related services are arranged and supplied.

4. Tendering Expense

The Bidder shall bear all the costs and expenditure incurred and/or to be incurred by them in preparation, and uploading their tender including attending the pre-bid conference and or arranging demonstration of Product/Services or Field trials that may be deemed necessary by the Purchaser.

5. PRE-BID CONFERENCE:

Pre-bid conference shall be held as per NIT schedule so as to provide an opportunity to the participating bidders to interact with IMD with regard to various tender provisions/clauses, before the bids are submitted. Bidders should depute their authorised representative for pre-bid meeting. In case, due to the points/doubts raised by the prospective bidders, needs to be modified, and then the same will be considered for modification. After pre-bid conference, tender conditions will be frozen. **No change will be permissible after opening of Bids.** Clarification needed if any may be sent before commencement of pre-bid meeting. No reply in this regard shall be sent to individual bidders. **Pre-Bid minutes shall be uploaded on eProcurement portal at <https://eprocure.gov.in/eprocure/app>**

6. Regular visit of website:

Prospective bidders are advised to see IMD website at <http://www.imd.gov.in/pages/tenders.php> & CPP portal at <https://eprocure.gov.in/eprocure/app> on regular basis for any change in NIT schedule, amendment / corrigendum in Tender Document (T.E.) including technical requirement and pre-bid minutes etc.

7. Amendments to TE documents:

At any time, prior to the deadline for submission of tenders, the purchaser may, for any reason deemed fit by it, modify the TE documents by issuing suitable amendment(s) to it. The amendment will be uploaded on IMD web site only. In order to provide reasonable time to the prospective Bidders to take necessary action in preparing their tenders as per the amendment, the purchaser may, at its discretion extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline. Prospective bidders are advised to visit/see eprocure.gov.in/eprocure/app on regular basis for any change in NIT schedule, amendment / corrigendum in Tender Document including technical requirement.

8. Documents Comprising the Tender:

The **Two Bid System**, i.e. “Techno – Commercial Bid” and “Price Bid” prepared by the Bidder shall comprise the followings:

(1).Techno - Commercial Tender (Un priced Tender)

The following documents are to be furnished by the Bidder along with their **Technical Bid.** Bidder shall upload following documents on CPP PORTAL <https://eprocure.gov.in/eprocure/app>

- (i) Registration certificate of bidding firm with government body in their country. Credential/document shall be attached.
- (ii) Checklist section (as per Annexure-I) properly filled and signed.
- (iii) Scanned copy Earnest Money Deposit (**EMD**) **in the form of FDR/BG.** Original EMD in physical form shall be submitted to Central Purchase Unit of IMD on or before closing of bids submission date.
- (iv) Documentary evidence for fulfillment of Eligibility /Qualification criteria(s).
- (v) Copy of agreement between bidding firm in India and their foreign principal indicating precise relationship between them and their mutual interest in this tender must be furnished along with their technical bid.

- (vi) Tender terms & Conditions Acceptance Form (as per Annexure-II) duly signed. (i.e Bidder has agreed to all the terms & condition of tender enquiry document).
- (vii) Technical Bid.
List of deliverables (un-priced/without price) with make & model etc. **This should be exactly same as attached in price bid.**

Note*

Indian firm (Supplier /Integrator /Distributors/ Distributors /Stockist etc) for imported stores shall quote in INR only. No foreign exchange shall be released by IMD and also no payment shall be made to their foreign principal.

(2) Price Bid:

- (i) All pages of the price bid should be page numbered, indexed and signed with company/firm seal by authorized signatory.
- (ii) Price Bid shall be preferred as per format given in Annexure-2 of RFP.
- (iii) List of deliverables, costing, of each and every item, sub items offered in bidder's technical bid, shall be done with all breakup prices.
- (iv) The Bidder shall indicate on the Price Schedule specifying all components (main units and sub units etc. of each item) of prices shown therein including the unit prices and total tender prices of the **goods (H/w & S/w), services, packing, inland transportation/freight/insurance to the sites, VAT, Service tax, GST etc** against the requirement.
- (v) Wherever, the Purchaser's invitation to tender calls for installation and commissioning or supervision of installation and commissioning of the instrument/equipment by the Bidder, the Bidder must clearly and separately quote the prices for the supply of the stores and the charges and the terms for installation and commissioning or supervision of installation and commissioning as the case may be. The charges towards installation and commissioning should not be included in the price of the stores.
- (vi) **The Supplier shall bear all the Income-tax liability as per rates prevailing** at the time of undertaking the job in accordance with the Income-tax Act in force in India.
- (vii) AMC shall be only for the maintenance of stores (equipment and software only) therefore prospective bidders are advised to quote AMC charges accordingly and specifically. **It should not be quoted in terms of percentage of project** as consumable, transportation, warranty; installations, training etc are not covered under AMC. **Price bids shall not be accepted if AMC charge quoted in percentage.**
- (viii) In case any charges not mentioned in the price bid, it will be treated as all the charges are free of cost for that item.
- (ix) Indian vendor shall quote prices on F.O.R destination (sites of consignee) basis and Payment to Indian supplier shall be paid into Indian rupees only.
- (x) The Indian bidder supplying imported goods shall quote only in Indian Rupees if purchase order to be placed to them. It is the responsibility of Indian firm to pay custom duty etc. IMD shall not be responsible for custom clearance. Prices quoted by the Bidder shall remain firm and fixed during the currency of the contract.
- (xi) Indian Supplier/ Integrator/ Distributor/ Stockist shall quote in INR only even for imported stores..
- (xii) Statutory levies, taxes and duties etc., if any, chargeable on the goods are payable on actual basis as applicable.
- (xiii) If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail.

Note*. Price bid shall prima-facia shall be rejected in case of any deviation from the technical bid of the bidder and found that any fact concealed or hided in price bid/technical bid.

9. Signing and uploading of Tender :

Bidder shall upload their proposal ONLINE through CPP Portal at <https://eprocure.gov.in/eprocure/app> as manual bids shall not be accepted. The tender shall not contain any erasure or overwriting, except as necessary to correct any error made by the Bidder and, if there is any such correction; the same shall be initialled by the person(s) signing the tender.

10. Alteration and Withdrawal of Tender :

No tender should be withdrawn after the deadline for submission of tender and before expiry of the tender validity period. If a Bidder withdraws the tender during this period, it will result in forfeiture of the earnest money furnished by the Bidder.

11. Opening of Tenders :

The purchaser will open the online tender at the specified date and time and at the specified place as indicated in the NIT. In case the specified date of tender opening falls on / is subsequently declared a holiday or closed day for the purchaser, the tenders will be opened at the appointed time and place on the next working day. Authorized representatives of the Bidders, who have submitted tenders on time may attend the tender opening, provided they bring with them letters of authority from the corresponding Bidders. Two Bid system will be as follows. The **Technical Bids** are to be opened in the first instance, at the prescribed time and date. These Tenders shall be scrutinized and evaluated by the competent committee/ authority with reference to parameters prescribed in the TE document. Thereafter, in the second stage, the Price Bids of technically qualified Bidders only shall be opened online for further scrutiny and evaluation on a date notified after evaluation of the techno commercial tender.

12. SCRUTINY AND EVALUATION OF TENDERS:

(1). Unresponsive bids:

The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the TE document. The tenders are liable to be treated as non – responsive and will be summarily ignored if followings are not provided along with technical bids.

- (i) Registration certificate of bidding firm with government body in their country. Credential/document not attached.
- (ii) Tender is unsigned.
- (iii) Checklist (Annexure-I) not enclosed.
- (iv) Tender Acceptance Form (Annexure-II) not duly signed and stamped. **(i:e all the terms & conditions of tender document are acceptable.** Original Letter shall be enclosed in technical bid.
- (v) Tender validity is shorter than the required period.
- (vi) Required EMD has not been provided unless exempted.
- (vii) Bidder has not agreed to give the required performance security.
- (viii) Copy of agreement of bidding firm from India with its foreign principal with the precise relationship between them and nature of services which would be available from bidding firm in India. Copy of this agreement must be attached with the tender.

(2). Technical Evaluation:

Tenders shall be scrutinized and evaluated by the committee constituted by competent authority with reference to parameters prescribed in the TE document.

Minor Informality/Irregularity/Non-Conformity:

If during the preliminary examination, the purchaser find any minor informality and/or irregularity and/or non-conformity in a tender, **the purchaser may waive the same provided it does not constitute any material deviation and financial impact and, also, does not prejudice or affect the ranking order of the Bidders.** Wherever necessary, the purchaser will convey its observation on such 'minor' issues to the Bidder asking the Bidder to respond by a specified date. If the Bidder does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, that tender will be liable to be ignored.

(3).Financial evaluation:

Thereafter, in the second stage, the Price Bids of technically qualified Bidders only shall be opened online for further scrutiny and evaluation on a date notified after evaluation of the techno commercial tender.

The purchaser shall evaluate the technically qualified financial bids for deciding lowest bidder (L-1) on the basis of ultimate landing cost.

The ultimate/landing cost in respect of store is arrived at by considering following below elements including AMC, Warranty, and Extended Warranty cost and etc if any unless these are optional requirements.

(A) Indigenous stores

1. Basic price
2. Excise duty (if applicable)
3. **As per prevailing taxes imposed by Govt. of India**
4. Insurance, freight and transportation of goods up to sites

(B) Imported stores

1. Total Net FOB price in foreign currency of the project.
2. Plus Freight & Insurance charge @10% of FOB price of shipment of stores coming through customs.
3. Plus Custom Duty in India (if not exempted i:e there is no mention in technical requirement to provide custom exemption certificate by consignee). Custom Duty Custom duty are applicable on hardware, software, equipments, instruments, consumables and other items etc coming through customs Clearance). Custom duties on services are not levied.
4. Plus Landing clearing and Bank charges @1.0% of total net FOB price of the project.
5. Plus actual Inland freight/insurance/transportation of goods in India up to the user sites quoted by bidder.
6. Plus Service tax applicable in India.

Conversion of currencies to Indian Rupees for Comparison of Tenders:

In case the TE document permits the Bidders to quote their prices in different currencies, all such quoted prices of the responsive Bidders will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the BC selling rate of exchange of State Bank of India prevailing on **the date of opening of financial bids.**

13. Packing and Marking :

The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc.

14. Inspection, Testing and Factory acceptance test(FAT)

The purchaser's/consignee's reserve the right to inspect goods at factory site/supplier site before their dispatch if required and mentioned in technical requirement (RFP) section.

Goods accepted by the purchaser/consignee and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right to reject the same later, if found deficient in terms of the warranty clause of the contract.

Purchaser will not undertake any Pre dispatch inspection ,unless mentioned, for imported stores in the suppliers country of origin and equipment will be sent to the supplier on the basis of supplier own inspection at the premises and guarantee and warranty. The equipment will be accepted subject to final inspection and test on commissioning and before handing over the equipment to consignee.

SECTION – II
GENERAL CONDITIONS OF CONTRACT (GCC)

1. **Bidders shall have to agree/accept all the terms and conditions of tenders including payment terms etc. Acceptance shall be unconditional and bidders shall have no claim and right in future on their terms if any.**

2. Whenever there is any conflict between the provision in the GCC **regards to specific Para under this section and that in the “RFP” “List of requirements/ technical specifications”**, the provision contained in the RFP shall prevail and have an over-riding effect. Any Special instructions as per “RFP-List of requirements/ technical specifications” section will also apply for this purchase. The conditions (like qualification criteria, delivery schedule, mode of delivery & sites of delivery etc.) mentioned in “RFP-List of requirements/ technical specifications section” will also apply for this purchase.

3. **Alternative Tenders :**

Alternative Tenders are not permitted. However the Bidders can quote alternate models meeting the tender specifications of same manufacturer with single EMD.

4. **Tender Validity :**

The tenders shall remain valid for acceptance for a period of 180 days (one hundred eighty days) after the date of tender opening, prescribed in the TE document.

5. **Purchaser’s Right to accept any tender and to reject any or all tenders :**

The purchaser reserves the right to accept in part or in full any tender or reject any tender without assigning any reason or to cancel the tendering process and reject all tenders at any time prior to award of contract, without incurring any liability, whatsoever to the affected Bidder or Bidders.

6. **Price preference:**

Price preference shall be given to **Micro and Small Industries** registered for stores and services specified in this tender document with **National Small Industries Corporation** or any other government agencies as per the latest guidelines/orders from Government of India. Purchase preference and quantity etc shall be decided as per the Government of India orders. The Bidders shall have to attach valid registration certificate as OEM. Micro and small Enterprises are exempted for submitting fees/cost towards tender document and submission of earnest money deposit (EMD) also known as security deposit. However Micro and small Enterprises are not exempted for performance security. Micro and small Enterprises shall have to furnish performance security if purchase order is placed to them. There is no relaxation in this regard.

7. **Eligibility & Qualification criterion for Bidders:**

Firms in given below category are eligible to participate in tender **subject to registration of the firm with government bodies as per act /rules in their country and also fulfil of other specific qualification criteria, terms and conditions mentioned in technical requirement section and tender enquiry document also.**

- (i) Original Equipment Manufacturer (OEM).
- (ii) Original Software Company (OSC), who developed the main application software.
- (iii) Authorized Supplier from Original Equipment manufacturer (OEM) /Developer of main application software company (OSC) etc. The Bidder shall have to submit authorization certificate from OEM /OSC etc. that they will provide service support after sale.

- (iv) Integrators/ Authorized dealer/ Supplier/ subsidiary/ Distributors/ Stockist having full back to back maintenance support agreement for hardware & software from OEM & OSC etc..
- (v) The complete name and address of the bidding firm in India and its permanent income tax account number (PAN) as allotted by the Indian Income Tax authority must be submitted.
- (vi) India Supplier /Integrator /Distributors /stockiest etc for imported stores shall quote in INR only & no payment shall be made to their foreign principal.

8. Earnest Money Deposit (EMD) :

The Bidder shall furnish along with its tender, earnest money for an amount as shown in the tender notice. The earnest money is required to protect the purchaser against the risk of the Bidder's unwarranted conduct.

The Bidders who are registered as OEM on Tender submission date with Directorate General of Supplies & Disposals or with National Small Industries Corporation, New Delhi , shall be eligible for exemption from EMD. **Micro and small Enterprises** specified by Ministry of Micro , Small & Medium Enterprises (MoMSME) **are exempted from earnest money deposit (EMD). EMD also known as security deposit.**

The EMD shall be furnished in Fixed Deposit Receipt (FDR) or Bank Guarantee (BG) (as per Annexure-IV)) from any commercial bank doing government business. FDR may be issued in the favour of "DDO, O/o DGM, IMD, New Delhi". **Bank Guarantee issued from the foreign banks must be authenticated by STATE BANK OF INDIA or any other Nationalized Bank of India.** Demand draft for EMD in INR submitted by foreign bidders shall not be accepted.

The clause "encashment /release of FDR/BG requires clearance certificate from Purchaser i:e DGM, IMD" must be mentioned in issued BG by Bank.

The earnest money shall be valid for period of sixty (60) days beyond the validity period of the tender.

Refund of EMD: Unsuccessful Bidders' earnest money will be returned to them **without any interest**, after expiry of the tender validity period. Successful Bidder's earnest money will be returned without any interest, after receipt of performance security from the Bidder.

Forfeit of EMD: Earnest money of a Bidder will be forfeited, if the Bidder withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful Bidder's earnest money will be forfeited without prejudice to other rights of Purchaser if supplier fails to furnish the required performance security within the specified period.

Firm shall have to extend the validity of EMD if extension of tender validity is agreed on the request of purchaser in exceptional cases.

9. Performance Security:

1. Successful bidder shall submit performance security within thirty (30) days from date of dispatch of supply order/award of contract by the purchaser or within twenty one (21) days from the receipt of supply order by the supplier whichever is earlier.
2. The purchaser may consider annulment/cancellation of supply order/ award of contract if performance security not received in stipulated time.
3. There is no relaxation/exemption in submitting of performance security.

4. The supplier, shall furnish performance security to the purchaser for an amount equal to ten percent (10%) of the total value of the contract excluding AMC if any, valid up to sixty (60) days beyond the warranty period.
5. **Performance Security shall be furnished by foreign supplier (participated directly in the tender) including indigenous components to be taken by their representative.**
6. The AMC service provider shall furnish performance security to the purchaser for an amount equal to five per cent (5%) of the total value of the AMC Value, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier/service provider.
7. **Performance Security has to be submitted irrespective of its registration NSIC etc. Performance security is not relaxed to any supplier/service provider. Submission of Performance Security is must for all suppliers/service providers.**
8. It shall be in any one of the forms namely Fixed Deposit Receipt or Bank Guarantee drawn/issued issued by a commercial bank doing government business in the prescribed form in favour of the purchaser. In the event of any amendment issued to the contract, the supplier shall, within twenty-one (21) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended. Foreign Bidder may submit in the form of Bank Guarantee. **Bank Guarantee issued from the foreign banks must be authenticated by STATE BANK OF INDIA or any other Nationalized Bank of India.**
9. The purchaser will release the Performance Security without any interest to the supplier/service provider on completion of the supplier's all contractual obligations including the warranty obligations & after receipt of performance security for AMC (if applicable) . The supplier shall submit pre receipt for obtaining back their security.

10. Terms of Delivery:

Goods shall be delivered by the supplier in accordance with the terms of delivery specified in the RFP. Generally it is **F.O.R destination** (in case of domestic supply) and **F.O.B** in case of foreign supplier. Time for inland transportation in India by foreign supplier for Installation and commissioning etc of stores shall be taken from the date on which stores are handed over to supplier by IMD after custom clearance. Suppliers should not deliver the goods without any valid delivery period. Purchaser shall not be held responsible for any thing (payment and loss of stores etc) if stores supplied without any valid delivery period as purchaser reserve the right to reject the delivery and terminate the supply order.

11. Delivery schedule: As per section under RFP-List of Requirements.

Date, on which all the stores as per supply order have been delivered to the consignee shall be treated as final date of delivery of stores for calculating liquidated damages etc.

12. Force Majeure:

Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable. Such events may include, but are not restricted to, acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, and freight embargoes. If there is delay in performance

or other failures by the supplier to perform its obligation under its contract due to event of a Force Majeure, the supplier shall not be held responsible for such delays/failures. **If a Force Majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions** and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side. There may be a Force Majeure situation affecting the purchase organization only. In such a situation the purchase organization shall take up with the supplier on similar lines as above for further necessary action.

13. Warranty:

The warranty shall be **Onsite warranty**. All stores to be supplied should be free from all defects and faults in material workmanship and manufacture. They should be of the highest grade and consistent with the established and generally accepted standards for material of the type used and in full conformity with the specifications, drawings, or samples and shall, if operable, operate properly. **The Seller shall be bound to furnish a clear written warranty regarding the same.** The Seller will be required to replace them free of cost inclusive of all freight and handling charges. The supplier shall provide warranty certificate from the OEM for the goods along with date of manufacturing of stores/products.

The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. Custom charges if any, for Re-export/re-import of defective parts/repairs or replaced parts to the foreign supplier country for repairs etc shall be borne by supplier only. Transportation cost and Octroi etc, for sending defective parts for repairs and sending back repaired or replaced one to IMD site(s), shall be borne by supplier itself.

Other condition under warranty clause of RFP section shall also be applicable.

14. Penalty clause/Liquidated damages clause (LD) for delayed stores & Services:

1. The supplier shall deliver the goods and perform the services (like installation & commissioning etc) under the contract within the time schedule specified by the purchaser in the "List of requirements/ technical specifications" section and as incorporated in the contract. **The delivery date, unless delivery is divided, on which all the items/stores/materials/services etc as per supply/purchase order are delivered shall be taken into account for penalty/LD purpose.**

The purchaser shall, without prejudice to other rights and remedies available to the purchaser under the contract, deduct as penalty/liquidate damage from the contract price a sum equivalent to 0.5% (half percent) per week of delay or part thereof on delayed supply of goods and/or delayed services subject to a maximum of 10% of the contract price of delayed items. L/D shall not be imposed under force majeure conditions.

Once the maximum is reached purchaser may also consider followings:

- (i) Forfeiture of its performance security and
- (ii) Termination of the contract for default.

Note*

The supplier shall not be held responsible for delay in delivery of stores and their installation for the followings reasons:

- (a) Delay in providing Entry permits/Road Permits (if required) to the supplier by the consignee.
 - (b) Delay in providing proper site(s) by the consignee to the supplier. Site is not ready in all respect (i.e all civil & electrical at site completed) for installation of stores.
 - (c) Delay in providing No Objection Certificate (N O C) required from any other government agency/agencies.
 - (d) Communication facility required for project to be provided to the supplier by the consignee if it is not the responsibility of supplier.
 - (e) Any other reason for which supplier is not responsible.
2. (a) Penalty/Liquidated damages shall be calculated on the purchase/contract price including the element of sales tax, excise duty, service tax etc mentioned in the price bids.
- (b) Custom duty shall not be taken for the purpose of Penalty/LD calculations.
3. The supplier shall not be held responsible for any delay in custom clearance by purchaser, handing over proper site by consignee and any other delay in part of consignee/purchaser if responsible. These periods shall not be counted in LD. The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the purchaser for extension of delivery period and obtain the same before despatch. In case the supplier dispatches the goods without obtaining an extension, it would be doing so at its own risk and no claim for payment for such supply and / or any other expense related to such supply shall be against the purchaser. **The supplier shall inform to the purchaser (CPU) directly in writing about these delays on part of IMD.**

15. Award Criteria and Tolerance Clause:

The purchase order /supply order shall be awarded to the eligible responsive tender evaluated as the most economical, technically qualified and suitable to the requirements subject to the availability of funds. The purchaser reserves the right to increase or decrease the quantity of required goods upto plus minus fifteen percent (+ - 15%) till the placement of supply/purchase order or contract without any change in the terms & conditions and prices quoted by the Bidders.

16. Modification of contract

If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract. If the supplier doesn't agree to the adjustment made by the purchaser, the supplier shall convey its views to the purchaser within fifteen (15) days from the date of the supplier's receipt of the purchaser's amendment / modification of the contract.

17. Taxes and Duties in India:

(a) Duty and Local Taxes:

As per prevailing taxes imposed by Govt. of India.

Normally materials to be supplied to Govt. Department against Govt. contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. The local Town/Municipal Body regulations at times, however, provide for such exemption only on production of such exemption certificate from any authorized officer. Contractors should ensure that stores ordered against contracts placed by this office are exempted from levy of

town duty/Octroi duty, Terminal tax or other local taxes and duties. Wherever required, they should obtain the exemption certificate from the indentor /consignee concerned, to avoid payment of such local taxes or duties. The supplier shall pay the Octroi, entry tax etc. if exemption certificate not agreed by local authorities and same may be got reimbursed from purchaser on proof of payments.

Supply of Road Permits by the indentor /consignees: In all such cases where the requirement of Road Permit for entry of goods into a particular State is mandatory, the following provisions shall be strictly followed: -

(a) The supplier shall request the indentor /consignee for providing Road permit/ Way bill within 10 days of the receipt of the Supply order. The supplier shall furnish all the necessary information and documents in this regard to Indentor/consignee.

(b) On receipt of the above request from the supplier, the indentor/consignee concerned shall arrange to provide the Road permit/Way Bill in the prescribed form to the supplier within a maximum period of two weeks so that the same reaches the supplier before the dispatch of the stores. However, in cases where the Road permit/Way Bill is issued on proof of actual invoice of the material, the consignee shall arrange to provide the Road permit/Way Bill from appropriate authorities within a maximum period of 5 days from the receipt of invoice.

(c) The supplier shall pay the local charges/taxes (Octroi etc.) if exemption certificate not agreed by local authority and same will be reimbursed by purchaser on submission of receipt. The supplier shall not be held responsible for any delay in supply due to non- supply/delayed supply of Road permit.

(b) Income Tax and service tax etc:

Tax deducted at source (TDS) shall be done before making payment to the suppliers as per existing law of Ministry of Finance, Govt. of India in force. The bidders (foreign as well as Indian Bidders) may visit website of Income Tax Department of India for details of Tax Liabilities, Rules, and Procedures etc. The bidders shall have to provide their Permanent Income Tax Number (PAN) and TAN. Firm may also mention the applicable rates of TDS as per DTAA with India. Copy of same may also be enclosed. Foreign vendor shall have to mention the details of establishment in India if any.

18. Terms and Mode of Payment

Payment Terms: Payment, as per term mentioned below, shall be made subject to recoveries, if any, by way of liquidated damages /penalty clause /TDS or any other charges as per terms & conditions of contract if not specified elsewhere in the document.

1. Cases where installation & Commissioning is to be done by bidder

Seventy percent (70%) of **contract value of stores** after receipt of goods at sites in case of domestic goods and balance 30% payment towards stores after their successful installation and acceptance at site.

- (i) 100% payments towards services like FAT, Training, SAT, Installation & commissioning charges etc if any after their executions and completions.
- (ii) Necessary documents must be submitted for the release of payments.

- (i) **In case of Indian Bidders**, the following documents shall be submitted:
- (i) Three copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount.
 - (ii) Consignee Receipt Certificate in original issued by the authorized representative of the consignee
 - (iii) Copies of delivery challan identifying contents of each package.
 - (iv) Inspection certificate by the nominated Inspection agency, if any.
 - (v) Insurance Certificate
 - (vi) Final Acceptance Report from consignee.

2. The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to respective consignees.

3. Bills/invoices must be submitted separately for stores and services.

4. The bidder shall submit particulars of his bank account required for making payments.

(a) Account Number (b) Bank Name (c) Branch Name (d) Address

(e) IFS code (f) MICR No. (g) Telephone No.(h) SWIFT code etc.

19. Fall Clause

The bidder undertakes that it has not supplied/is not supplying similar products/systems or subsystems at a price lower than that offered in the present bid in respect of Ministry/Department of the Government of India or Public Sector Unit (PSU) and if it is found at any stage that similar products/systems or subsystems was supplied by the BIDDER to any Ministry/Department of the Government of India or Public Sector Unit (PSU) at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and difference in the cost would be refunded by the BIDDER to the BUYER (India Meteorological Department) or it will adjusted from their bills, if the contract has already been concluded.

20. Termination of tender/contract by the Purchaser:

From the time of submission of tender to the time of awarding the contract, if a Bidder needs to contact the purchaser for any reason relating to this tender enquiry and / or its tender, it should do so only in writing.

In case a Bidder attempts to influence the purchaser in the purchaser's decision on scrutiny, comparison & evaluation of tenders and awarding the contract, the tender of the Bidder shall be liable for rejection in addition to appropriate administrative actions being taken against that Bidder, as deemed fit by the purchaser.

The purchaser, without prejudice to any other contractual rights and remedies available to it (the purchaser), may, by written notice of default sent to the supplier, terminate the contract in whole or in part, if the supplier fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the purchaser. In the event of the purchaser terminates the contract in whole or in part, the purchaser may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the supplier shall be liable to the purchaser for the extra expenditure, if any, incurred by the purchaser for arranging such procurement. If the supplier becomes bankrupt or otherwise insolvent, the purchaser reserves the right to terminate the contract at any time, by serving written notice to the supplier without any compensation, whatsoever, to the supplier, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and / or will accrue thereafter to the purchaser.

21. Arbitration clause:

If dispute or difference of any kind shall arise between the purchaser and the supplier in connection with or relating to the extension of contract, the parties shall make every effort to resolve the same amicably by mutual consultations. If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the "List of requirements/ technical specifications" section either the purchaser or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per Indian Arbitration and Conciliation Act, 1996. In the case of a dispute or difference arising between the Purchaser/ Consignee and all suppliers relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitration of an officer, appointed to be the arbitrator by the Director General of Meteorology. The award of the arbitrator shall be final and binding on the parties to the contract. Each party shall bear its own cost. **Venue of Arbitration:** The venue of arbitration shall be the place from where the contract has been issued, i.e., DGM, New Delhi. The contract shall be interpreted in accordance with the laws of India.

CHECKLIST

S. N	Activity	Compliance Yes/ No/ NA	Page No. of your bid
1	Is Firm Registration certificate from Government bodies in their country attached with technical bid?		
	(i) Have you enclosed EMD (Bank Guarantee /FDR) of required amount?		
	(ii) Is the EMD submitted by other firm other than participating firm? If yes, then bid is likely to be ignored.		
	(iii) Is Registration certificate from NSIC/Government bodies on SSI attached for relaxation of EMD?		
	(iv) EMD shall be valid for 240 days.		
3.	Have you kept validity of your bid as per the TE document?		
4.	Have you enclosed <u>Tender Terms & Conditions Acceptance Form</u> duly filled and signed (i:e terms and conditions are acceptable) with original set of tender. Tenders may be ignored if not signed.		
5.	Have you enclosed clause-by-clause <u>compliance statement</u> for the “List of requirements/ technical specifications” section?		
6.	Have you submitted copy of the last purchase order(s) and end user certificate?		
7.	Is tender Submitted by an OEM?		
	Is tender Submitted by an integrator Agent/Dealer/Supplier/Distributor/ Stockist etc of OEM? ? Whether Back-to-back support agreement with equipment manufacturer and software developer company attached?		
8.	(i) Permanent Account No. of bidding firm with proof.		
	(ii) Is sales & service tax /GST number with registration certificate attached?		
9.	Name of the firm who quoted the price		
10.	Name of tender currency given in which order to be placed?		
11.	Name of the supplier with complete address to whom supply order to be placed to be submitted on company’s letter head in original from authorized signatory.		

(Name & Signature with date and firm/company seal)

Tender Terms & Conditions Acceptance Form

(For all the terms & conditions of tender document are acceptable to Bidder)

To
The Director General of Meteorology,
India Meteorological Department,
Lodi Road, New Delhi-110003

Ref: TE document No. CPU/_____ dated _____

I/We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____, dated _____ (*if any*), the receipt of which is hereby confirmed. We now offer to supply and deliver *the goods and services in conformity* with your above referred document.

If our tender is accepted, we undertake to supply the goods and perform the services (Installation & commissioning etc.) as mentioned in tender document with the delivery schedule specified in the “RFP- List of requirements/ technical specifications”..

I/We further confirm that, if supply / purchase order is placed to firm, we shall provide performance security of required amount in an acceptable form for due performance of the contract.

I/We agree to keep our tender valid for acceptance as required in tender document or for subsequently extended period, if any, agreed to by us. I/We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. I/We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

I/We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities.

I/We confirm that we fully accept and agree to all the terms and conditions specified in above mentioned TE document, including amendment/ corrigendum etc. if any.

(Signature with date and seal of the company)

(Name and designation)

Duly authorised to sign tender for and on behalf of Bidder

**Note*: 1. Firm/company shall use their own printed letter head for issuing this certificate.
2. Acceptance shall be unconditional.**

MODEL BANK GUARANTEE FORMAT FOR FURNISHING EMD

(Format only)

Whereas
 (hereinafter called the “Bidder”)
 has submitted their offer dated.....
 for the supply of
 (hereinafter called the “tender”)
 against the purchaser’s tender enquiry No.
 KNOW ALL MEN by these presents that WE
 of having our registered office at
 are bound unto
 (hereinafter called the “Purchaser”)
 in the sum of
 for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its
 successors and assigns by these presents. Sealed with the Common Seal of the said Bank
 this..... day of20.....

THE CONDITIONS OF THIS OBLIGATION ARE:

- (1) If the Bidder withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the Bidder having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
 - a) If the Bidder fails to furnish the Performance Security for the due performance of the contract.
 - b) Fails or refuses to accept/execute the contract.

WE undertake to pay the “Director General of Meteorology, India Meteorological Department”, up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force upto and including 60 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

Bank Guarantee issued with the tender enquiry reference No. CPU/..... Dated.....

.....

(Signature of the authorized officer of the Bank)

.....

Name and designation of the officer

.....

Seal, name & address of the Bank and address of the Branch

PRICE SCHEDULE (Financial Bid format)

S. N	Name of Item/Store	Quantity	Make & Model	Base price	Applicable taxes & duties	Unit Price 5+6	Total price (3x7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Store Components (hardware & Software etc.)							
Services components							

Total Tender price in figure:

And in words:

Note/instruction:

1. **The bidder shall use their own letter head for quoting the prices.**
2. Price shall be preferred in above format.
3. The names of each stores/items offered in technical proposal must be mentioned with make & Model including services etc if any. The deliverables list attached with financial bid must be exactly same as per the technical bids.
4. Charges, if any, for inland (within the India) Transportation /freight/insurance of stores shall be mentioned. In case not mentioned, it is treated as free of cost.
5. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
6. All applicable taxes must be mentioned against each item. Rate of each applicable tax must be mentioned in price bid. If taxes not mentioned, then it is treated that price quoted is inclusive of taxes.
7. Costing for each and every items and sub items which is offered in technical bid shall be done with all breakups. Charges for FAT, Trainings, installation, SAT and other services etc. are to be mentioned clearly in price bid.
8. Price Bid (in pdf format excluding note/instruction) shall be uploaded on eprocure.gov.in

Signature of Bidder _____

Seal of the Bidder _____

REQUEST FOR PROPOSAL (RFP) DOCUMENT

FOR

VIDEO WALL SYSTEMS FOR NWFC AT H.Q.

August 2018

1. Introduction

The entire operation of IMD is based on collection and processing of data from large number of surface and upper air observatories spread over the whole country. At NWFC, the data is analysed and real time Weather Forecasts are being prepared and disseminated to the State Govt. and other targeted users like Aviation, Agriculture, weather monitoring agencies and disaster management agencies of the Govt. of India on regular basis.

Forecasting weather over a vast country like India needs the co-ordinated efforts of meteorologists sitting at NWFC, New Delhi and distributed centres of the country. Therefore day to day presentations of weather products, charts, Doppler Radar Products, Satellite imageries etc. at the NWFC on multiple screens / Video Wall are very much essential for discussion to prepare weather forecast on operational basis (24X7) round the year.

To cater to the above requirements, IMD proposes to procure and install Modern Information Systems like Video Walls at NWFC, New Delhi. The Digital Video Wall Display System shall also be utilized for map discussions for weather and presentation of high impact weather events like Cyclones, heavy rainfall etc. to media and various visitors.

2. Minimum eligibility criteria

- 2.1 Bidders must have the experience of successful completion of at least three Video Wall projects, each with minimum of 8 cubes of 70” or of equivalent size or better, of latest technology in government organizations/PSU comprising supply, installation, commissioning and maintenance of Video Wall Systems in last three years. Relevant documents (Supply order and completion certificate from the user) supporting the experience claim must be submitted.
- 2.2 Details of last **Three** Reference Sites where similar Video Wall Systems have been provided/ installed and maintained by the bidder are to be provided in **Annexure-1**:
- 2.3 Bidder is to provide list of deliverables as per the format given in **Annexure-2**.
- 2.4 The details of the bidder should be given as per **Annexure-3**.
- 2.5 The Bidder should be an OEM or authorized representative / dealer / distributor of the OEM. Authorization certificate from OEM in this respect as the proof in support of the same must be enclosed along with the technical bid.
- 2.6 The bidder should have a back-to-back support agreement with OEM for support of offered product. A letter from OEM/Principle Manufacturer needs to be furnished along with the Tender document ensuring the support for 6 years from date of Site Acceptance Test (SAT) of ordered systems to IMD (as per **Annexure-5**).
- 2.7 Bidder should be a profit making company at least for two years out of last three years. Brief financial particulars of the firm for the last 3 financial years should be provided by the bidder. Duly approved copies of last 3 years Balance sheets with Profit and Loss Accounts statements along with copies of ITR must be submitted.
- 2.8 Bidder and OEM (for Video Wall System) should have direct support center in Delhi (NCR) for the last **five** years.

3. Scope of work

- 3.1 To supply, Commission, install, configure and maintain the Video Wall Systems at NWFC, IMD New Delhi.

- 3.2 The bidder should integrate his Video Wall Systems with the existing infrastructure of IMD so that NWFC can do content sharing on the Video Wall Systems from different sources (forecasting work stations (Synergy), computers, laptops, Ipads and Smart phones). The technical specifications of Video Wall Systems for NWFC site are given at **Annexure-4**.
- 3.3 The various infrastructure requirements which have to be provided by IMD for commissioning of the Video Wall Systems should be specified. This will include bandwidth, LAN ports, lighting arrangement etc. All other cables / connectors / civil / electrical work required for the Video Wall Systems, are to be provided by the bidder.
- 3.4 After expiry of the standard three years warranty of the Video Wall Systems, bidder has to provide comprehensive maintenance support to Video Wall Systems for a period of three years. The bidder has to arrange spare parts during warranty and CAMC (Comprehensive Annual Maintenance Contract) both.
- 3.5 Bidder has to guarantee minimum 98% uptime (to be calculated on quarterly basis) and should be ready to execute service level agreement for the same.
- 3.6 Bidder will also arrange to train at least six persons of the IMD in the operations of the Video Wall Systems.
- 3.7 All the deliverables are to be delivered at NWFC, Mausam Bhawan, Lodi Road, New Delhi. Bidder has to arrange the **road permit for transportation of the deliverables at its own, however** IMD will provide octroi exemption certificate, if required by the bidder.

4. Installation, Integration and Commissioning

The bidder shall be responsible for implementation of the project on a **turn-key** basis providing an end-to-end solution. The bidder shall submit a detailed site preparation plan to IMD.

- 4.1 The bidder shall communicate to IMD the details of specific site requirements including Electrical and Networking for installation of Video Wall Systems and related accessories within one month after issue of supply order so as to keep ready the site for timely completion of the project (site lay-out plan of LAN/Electrical connections should be submitted).
- 4.2 The survey/inspection of the site (NWFC at H.Q.) identified for installation of Video Wall Systems shall be undertaken jointly by representatives of bidder and IMD officials.

5. Site Acceptance Test

The bidder shall also conduct a Site Acceptance Test (SAT) before commissioning of the Video Wall Systems. The procedure for SAT shall confirm the proper configuration, interconnections of Video Wall Systems and content sharing from existing infrastructure of IMD up to the users' satisfaction (A committee comprising minimum three Officers of NWFC). A detailed site acceptance plan shall be submitted by the bidder to IMD five days in advance of SAT. The SAT document shall be signed by the representative(s) of the bidder and the officers deputed by IMD for this purpose. Video Wall Systems shall be declared commissioned only after completion of SAT with five days monitoring of proper functioning of the Video Wall Systems.

6. Compliance/Non-compliance statement

The bidders shall submit a detailed item-wise compliance/non-compliance statement referring para-wise to the requirements given in this tender document, for quick evaluation of the bid. The compliance statement shall be supported by the technical details of (the original brochure(s)) the equipment or sub-component quoted by the bidder. Technical specifications and other requirements contained in this document are essentially required by IMD. However, reasons for non-compliance, if any, for certain paragraphs or even sub-paragraphs of the document may also be given by the bidder. If certain paragraphs of the specifications are partially complied, these should be specifically addressed in the compliance statement giving full details of the deviations from the given specifications and their likely impact on the overall system. All non-compliance of specifications, even of small nature, should be clearly brought out. Silence on any part of the technical specification or failure/omission to provide any such details will be treated as Non-compliance.

7. Training

Bidder will have to provide the user level training of two days in order to enable the IMD officers/staff of NWFC to operate the related equipments and associated software. The supporting training manual/documents (Soft & three sets of hard copies) are to be provided by the bidder before start of training. Standard Operating Procedures (SOP) for proper operations of the Video Wall Systems shall also be the part of the document.

8. Comprehensive Warranty

The bidder shall provide standard comprehensive warranty of three years from the date of completion of SAT at NWFC. The bidder shall warrant all the components of the Video Wall Systems including SMF batteries of UPS supplied to be free from defects in material and workmanship during the warranty period. If within a period of three years after installation, any such product or component is proven to be defective, same shall be repaired or replaced by the bidder without affecting the service. Such repair and replacement shall be sole obligation of the bidder. Bidder shall be responsible for payment of to and fro shipping charges if the defective components are required to be sent to manufacturer for repair or replacement. Any design defects or installations deficiencies, if noticed during the warranty period shall be rectified promptly by the bidder free of cost. The warranty does not apply for accidents, theft, vandalism and natural hazards.

Software updates, if any, during the warranty period required for smooth functioning of the Video Wall Systems are to be provided by the bidder firm at free of cost during the comprehensive warranty period.

The bidder must give year-wise breakup of the cost of standard warranty. The payment of the standard warranty component (cost) shall be paid on quarterly basis. The cost of warranty will be considered for evaluation and determination for lowest offer (L1).

9. Comprehensive Annual Maintenance Contract

The bidder should also provide Comprehensive Annual Maintenance Contract (CAMC) for **THREE** years after the expiry of standard warranty period of three years for the entire Video Wall Systems including SMF batteries of UPS supplied which shall be further extended for a maximum period of three years on year to year basis depending upon the satisfactory report from the user for the services provided by the bidder during previous year. The price for the CAMC during extended period shall be taken at the minimum of the cost of CAMC quoted for three years. The bidder should quote the price for CAMC in the list of deliverables. CAMC charges should not be quoted as a percentage of project cost. Tender shall include year wise quote for **THREE (3)** years Comprehensive AMC, the cost of which will be considered for evaluation and determination for lowest offer (L1).

The continuation of CAMC is subject to the **satisfactory performance report from the user**. In case of non-satisfactory performance report from the user, the CAMC shall be terminated by giving advance notice of one month to bidder and performance security shall be forfeited. Maintenance terms and condition shall be same as those quoted in Para 8 above. Cost of freight delivery services for importing and exporting of defective parts/cards/sensors/cables including batteries of UPS supplied etc for repairs/replacement shall be borne by the bidder under CAMC also. The bidder shall give a separate undertaking for acceptance of the above terms. The CAMC charges will be paid on quarterly basis after the satisfactory maintenance report from the user of the Video Wall Systems. Payment shall be made in Indian Rupees only.

10. Preventive maintenance of the Video Walls Systems / general terms and conditions

The comprehensive warranty and CAMC shall include preventive maintenance of Video Wall systems which shall include all equipments including batteries of UPS supplied, software and hardware components during the warranty and CAMC period.

1. The work of servicing and routine preventive maintenance of Video Wall Systems shall be undertaken once in every three months apart from attending the routine faults / calls and their rectification on site of Video Wall Systems whenever reported.
2. The preventive maintenance shall include checking of functionality/cleaning of all equipments, software and hardware components etc. quarterly. In case of failure to do the routine preventive maintenance work, the penalty shall be charged at the rate of 5% of the cost of-
 - a) the equipment supplied (during warranty) for each quarter.
 - b) CAMC per annum for each quarter.
3. Reports of maintenance visits shall be submitted to In-charge Facility Management Cell (FMC) at NWFC, New Delhi.
4. The nodal officer / In-charge FMC from NWFC and O/o the Dy. DGM (ISSD) shall be informed in advance of the preventive maintenance. The preventive maintenance shall be carried out in presence of nodal officer of NWFC.
5. In case, the fault rectification is not possible at field site and any component is required to be removed from the Video Wall Systems for repairs, the component(s) shall be replaced with spare of same make and model. The bidder shall keep adequate stock of spares of all critical components to achieve maximum uptime of the Video Wall Systems.

11. Penalty Clause:

- i. If there is failure of Video Wall System(s) for less than or equal to 24 hours (subject to 98% uptime on quarterly basis) due to failure of supplied hardware/ software/ interconnecting cables etc during the Warranty / CAMC no penalty shall be charged.

- ii. If the failure duration extends beyond 24 hrs (subject to 98% uptime on quarterly basis) upto 10 days or part thereof during the Warranty / CAMC period then the penalty shall be charged cumulatively at the rate of 0.25% per day subject to ceiling of 10% per quarter the cost of Warranty / CAMC.
- iii. If the failure duration extends beyond 10 days and upto 15 days or part thereof during the Warranty / CAMC period then the penalty shall be charged cumulatively at the rate of 0.5% per day subject to ceiling of 10% per quarter the cost of Warranty / CAMC.
- iv. After 15 days the customer may get the defective Video Wall System(s) repaired from any alternate source and the cost of its repair will be recovered from the bidder.
- v. The Customer may also terminate the contract / work order if the bidder is unable to service / repair the Video Wall System(s) within 15 days from the booking of fault with the bidder.
- vi. For the purpose of implementation of the penalty clause, the time period for failure will be counted from the time of reporting of fault during working hours (all the seven days of week from 10 AM to 6 PM) and it will be counted from the next working day if the fault reporting is beyond office hours / Gazetted holiday.

12. Anti-profiteering clause

It is mandatory to pass on the benefit due to reduction in rate of tax or from input tax credit to the consumer by way of commensurate reduction in prices. The bidder may note the above and quote their prices accordingly.

13. Delivery Schedule

Complete set of Video Wall Systems:

a)	Delivery	:	Delivery of equipments shall be done at NWFC, Mausam Bhawan, Lodi Road, New Delhi within Forty Five Days from the date of award of contract.
b)	Commissioning	:	Commissioning / SAT of the equipments shall be completed within Ninety Days from the date of award of contract.

In-charge Facility Management Cell (FMC) at NWFC, Mausam Bhawan, IMD, New Delhi shall be the consignee for all deliveries. Delivery of all equipments shall be done free of cost by the bidder. All the equipments must be under insurance during transportation. If the bidder is unable to execute the project to the satisfaction of consignee, IMD has right to re-tender after giving adequate notice to the bidder. The cost of retendering demurrage and the difference in the cost, if any, of the new order would be payable by the bidder.

14. Pre-bid meeting

Any clarification required shall be discussed and clarified during the pre-bid meeting which will be held in ISS Division. Prospective bidders may send their queries to be discussed

during pre-bid meeting at least 3(Three) days in advance to Sh. Kuldeep Srivastava Sc-'E' at email address kuldeep.srivastava@imd.gov.in and Sh. Amar Jit Singh Sabharwal, Met.-B at email address as.sabharwal@imd.gov.in.

(Charan Singh, Sc. F) **(Kuldeep Srivastava-I, Sc. E)** **(Kuldeep Srivastava-II, Sc. E)**
Chairman **Member** **Member**

(Amit Kumar, Sc. B)
Member

(A J S Sabharwal, Met. B)
Member Secretary

Annexure-1

Details of at least three reference sites where Video Wall Systems have been provided / installed and maintained by the bidder.

S. No.	Name of the site/ Organization	Type of Video Wall System	No. of locations covered	Brief configuration of the Video Wall Systems	Contact Person, Address, Phone, Fax Nos.

LIST OF DELIVERABLES*

S.No. (1)	Name of Item/Store (2)	Make & Mode 1 (3)	Quantity (4)	Unit price			Total price (8) i.e (4x7)
				Base price (5)	Applicable taxes & duties (6)	Total unit price (7)	
1.	Video Wall Display Cubes & Software		14 Cubes & Software				
2.	Controllers		02				
3.	Encoders/Decoders		08				
4.	5 KVA Online UPS with SMF batteries		01				
5.	Wireless Presentation Unit		01				
6.	Civil/Electrical Work		1 Job				
7.	Installation & Commissioning		1 Job				
8.	Comprehensive Warranty support for three(3) year with maintenance and upgrades 1 st year 2 nd year 3 rd year		1 Job				
9.	Comprehensive AMC support for three (3) years (Year wise) with maintenance and upgrades 1 st year 2 nd year 3 rd year		1 Job				
10.	Manuals and technical documents (hard and soft copy)		3 Sets				
11.	Training Charges		1 Job				
12.	Wires/Cables and Connectors		As per requirement				
13.	Additional item required, if any, for implementation of the Project		If required.				
Grand Total (Rs.)							

- Charges for inland (within the India) Transportation /freight/insurance of stores to sites, as separate items in schedule. In case not mentioned, it is treated as price quoted is inclusive of all.
- If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
- All applicable taxes must be mentioned against each item.

4. The charges for CAMC after warranty (if applicable) shall be quoted as separate item.
 5. Charges for Trainings, installation & SAT etc. are to be quoted as separate items.
 6. Price schedule for optional items should be attached separately and not to be mentioned in main price bid.
- *The list of deliverables is suggestive. However, the bidder may suggest any additional item, if required to fulfill the requirement of scope of work.

The evaluation of price bids are made on the basis of ultimate /landing cost to the users. For this basic price, GST, excise duty, sale taxes, net price on FOB, Agency commission if any, Ocean/Air freight & Insurance, Custom duty in India, Landing/clearing charges and Inland (within the India) transportation/freight/insurance etc. are taken.

Signature of Bidder _____
Name _____
Business Address _____
Seal of the Bidder _____

Place: _____
Date: _____

DETAILS OF THE BIDDER

S.N.	Item	Details
1.	Name of Company	
2.	Name of the Contact Person(s)	(i)
		(ii)
3.	Mailing Address	
4.	E-mail Address(s)	(i)
		(ii)
5.	Telephone, Fax Numbers and Mobile No.	Telephone :
		Fax :
		Mobile No. :
6.	Constitution of the Company	
7.	Year of Commencement of Business	
8.	Name and designation of the person authorised to make commitments to IMD	Name :
		Designation:
9.	Sales Tax Number	
10.	Income Tax Number (PAN)	
11.	GSTIN Number	

Brief financial particulars of the firm for the last 3 years – (In lacs)

	2015-16	2016-17	2017-18
NET PROFIT			
TOTAL TURNOVER			
REVENUE EARNED			

Technical Specifications for Video Wall Systems

S. No.	Technical Specifications	
Specifications for Video Wall display		
	Display Wall Screen Size	A) 3X2 (One Video Wall) 70" Full HD, Depth≤1000mm B) 2X2 (Two Video Walls) 70" Full HD, Depth≤1000mm
1.	Projection Technology	Single Chip DLP Rear Projection
2.	Native Resolution per cube	1920X1080
3.	Aspect Ratio	16:9
4.	Light Source	LED
5.	Brightness	On screen brightness Minimum 300 cd/ m2 or more
6.	Brightness Uniformity	≥95%
7.	Contrast ratio	Typical 1600:1 (Static)
8.	Color	Should offer in excess of 16 million colors.
9.	Color Calibration	Automatic inbuilt sensors for continuous colour and brightness management mechanism to be provided.
10.	Connectivity	Each display module should support 4K HD @ 30Hz inputs (Ultra HD)
11.	Full viewing angle	170° or better
12.	Half Gain Angle	Horizontal: ±33 degree or better
13.	Lifetime	Normal mode: ≥ 50,000 hours
14.	Inputs	Single link DVI-D in / out or better
15.	Bezel	Should be ≤ 1 mm
16.	Power	230V
17.	Pedestals	Should be customized as per project requirements
18.	Normal mode	Less than 250 Watts
Heat Dissipation		
19.	Normal mode	Less than 600 BTU /h
Operating conditions		
20.	Humidity	Up to 80% non-condensing
21.	Temperature	10°C-40°C
Storing conditions		
22.	Temperature	0°C-40°C
23.	Remote management through IP	Remote management through IP for parameter adjustment. Each cube should have built-in web server
24.	Access	Rear only
25.	Pixel Clock	160 MHz or higher and image should be Flicker Free.
26.	Signal Processing	Each cube should have cropping/scaling capability
27.	Screen Half-gain Viewing Angle	Horizontal: 28 degrees +/-3
		Vertical: 13 degrees +/-3
Display Controllers (Two Units)		
28.	Display controller	Controller to be able to control minimum 14 cubes
29.	Redundant Controller	The controller should be based on the latest

		architecture.
30.	OS	Latest Microsoft windows Professional
31.	Processor	i7 with 3 GHz or better processor
32.	RAM	Minimum 16 GB DDR4@2133Mhz or higher
33.	Hard Disk	1TB SATA HDD @7200rpm
34.	Chassis Type	Rack mount industrial chassis
35.	LAN Ports	2 X 10/100/1000mbps Ethernet Ports
36.	Resolution Support For Outputs	Minimum 1920 x 1080 or higher
37.	RSS Feed	The controller should be able to show the RSS feed as required
38.	Ticker	There should be a possibility in the controller to create user defined multiple tickers. It should also be possible to place these tickers anywhere on the wall
39.	Scalability	The system should be able to add additional inputs as required in the future
40.	Control	The system should have the capabilities of interacting (Monitoring & Control) with various applications on different network through the single Operator Workstation. It should be possible to launch layouts, change layouts in real time using Tablet
41.	Fans	Chassis should have minimum 2 fans for adequate cooling
42.	Redundancy	1.) Redundant Hot Swappable HDD in RAID 1 Configuration 2.) Redundant Hot Swappable Power Supply
43.	Keyboard & Mouse Extension	Keyboard and Mouse along with mechanism to extend them to 20 Mtrs. operator desk from display controller to be provided
44.	24 x 7 operation	The controller shall be designed for 24 x 7 operation
45.	Others	The Video Wall and the Controller should be of the same make to ensure better performance and compatibility
46.	OEM Certification	All features and functionality should be certified by the OEM. The Display Modules, Display Controller & Software should be from a single OEM.
Specifications of Display Wall Management Software		
47.	Layouts	The software should be able to pre configure various display layouts and access them at any time with a simple mouse click or schedule/timer based.
48.	Sources	The software should be able display multiple sources anywhere on video wall in any size.
49.	User management	Key features of Video Wall management Software <ul style="list-style-type: none"> • Central configuration database • Browser based user interface • Auto-detection of network sources

		<ul style="list-style-type: none"> • Online configuration of sources, displays and system variables
50.	Software features	<p>Video Wall Control Software shall allow commands on wall level or cube level or a selection of cubes :</p> <ul style="list-style-type: none"> • Switching the entire display wall on or off. • Setting all projection modules to a common brightness target, which can be either static (fixed) or dynamic to always achieve maximum (or minimum) common brightness between projection modules. • Fine-tune colour of each cube
51.	Client & Server based Architecture	Should support Multiple clients / Consoles to control the Wall layouts
52.	Collaboration	The Software should be able to share layouts comprising of multiple sources with workstations / Displays over LAN for remote monitoring
53.	Scaling	Software should enable the user to display multiple sources (both local & remote) up to any size and anywhere on the display walls (both local & remote).
54.	Display	The software should be able to create layouts and launch them as and when desired
55.	Remote Control	The Display Wall and sources (both local & remote) should be controlled from Remote PC through LAN without the use of KVM Hardware.
56.	Support of Meta Data	Software should support display of Alarms
57.	Authentication	The software should provide at least 2 layer of authentication
58.	Scenarios	Software should be able to Save and Load desktop layouts from Local or remote machines
59.	Layout Scheduler	<p>1.) All the Layouts can be scheduled as per user convince.</p> <p>2.) Software should support auto launch of Layouts according to specified time event by user</p>
60.	Layout Management	It should be possible to create layouts comprising of screen scrapped content of Workstations, DVI inputs, Web sources, URLs configured as sources. Layouts can be pre configured or changed in real time
61.	Layouts Configuration	Can be pre configured or changed in real time
62.	Scheduling	It should be possible to schedule specific Layout based on time range
63.	Soft KVM	The system shall include complete Soft KVM to permit operators to take mouse & keyboard control of Displays, Screen Scrapped applications and DVI source
64.	Ticker	It should be possible to create two separate Tickers which run concurrently. These can be positioned at top or bottom and can run independently .The

		Ticker can be picked from data source through screen scrapping or through typing specific incidence, manually
65.	OEM Certification	All features and functionality should be certified by the OEM. The Display Modules, Display Controller & Software should be from a single OEM.
Encoders/Decoders (Eight Units)		
66.	Inputs	Ethernet with H.264 or better compression protocol
67.	Network	2x1Gbps Ethernet interface with H.264 compression protocol or better.
68.	Resolution	60 Hz frame rate encoding of resolution upto 1920X1080 or better.
69.	Auto Detection (Resolution)	Auto-detection of resolution on input interface
70.	Audio Input / Output	Stereo Jack audio line in-out.
71.	Output	DP/DVI/HDMI
72.	Streams	Number of Streams to be decoded is minimum 8
73.	IP addressing	DHCP, fixed IP
74.	Keyboard & Mouse	Normal Keyboard & Optical Mouse preferably of HP or Dell make
75.	Protocols	Unicast, Multicast (IGMP v3), RTP, RTSP
76.	Audio	3.5mm jack stereo level line in & line out
77.	Provision of debugging	Debugging(Optional)
78.	Wireless Presentation Unit	Should be able to transfer data from four different users(Presenters) on any one, two or three Video Walls from the same OEM
79.	Civil/Electrical Work	As per requirement of the site.
80.	Power	Should operate on 230v, 50 Hz Power supply
81.	Power Backup	5 KVA Online UPS (with SMF Batteries) with at least two hour backup time.

- Successful bidder commercials would be open only once technical compliance is done.
- The bidders can be asked for POC/demo before technical compliance is done, if required.
- All the equipments offered/supplied by the bidder should be **BIS** compliant and the bidder should submit a certificate from the OEM to this effect.
- Site visit by the prospective bidders can be undertaken one to two days before the Pre-Bid meeting with prior permission.

ORIGINAL EQUIPMENT MANUFACTURER AUTHORIZATION

Ref :

Date :

To
Director General of Meteorology,
India Meteorological Department,
Mausam Bhawan, Lodhi Road,
New Delhi – 110003

Subject : MAF

Sir,

We, <OEM name> having our registered office at <OEM address>, are an established and reputed manufacturer of Video Wall Equipments.

We confirm that <Bidders Name > having its registered office at < address of Bidder > is our authorized partner for our Video Wall Equipments.

We also ensure to provide the service support for the supplied equipments for a period of 6 years from date of Commissioning/Site Acceptance Test (SAT) of the equipments as per tender terms.

We here by confirmed that the <Bidder > has back to back agreement with us for support during entire warranty period mentioned in the tender.

We also undertake that in case of default in execution of this tender by the <Bidder >, the <OEM Name>will take all necessary steps for successful execution of this project as per tender requirements.

In case of bidder getting bankrupt or defaults in providing services to IMD then OEM will provide direct support without any financial implication/burden on IMD.

Thanking You

For <OEM Name >

<Authorized Signatory >

Name :

Designation: