

Tel: 8974054413

Navy Children School  
Satya Marg, Chanakyapuri  
New Delhi - 110023

100/NCS/IFPs/2022

02 Mar 22

M/s.-----  
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**INVITATION OF QUOTATIONS FOR PROCUREMENT OF 20 INTERACTIVE FLAT  
PANELS WITH ACCESSORIES FOR NAVY CHILDREN SCHOOL CHANAKYAPURI, NEW  
DELHI**

1. Bids in sealed cover are invited for Supply of items listed in Part II of this RFP. Please **superscribe the above mentioned Title, RFP number and date of opening of the Bids on the sealed cover** to avoid the Bid being declared invalid. **Bidder has to put ink stamp and signature on all pages of RFP** and return the same.
2. The details of the contact person are as given below:-
  - (a) Name/designation of the contact personnel: **Mrs Oshima Mathur**
  - (b) Telephone numbers of the contact personnel: **9810138563**
  - (c) Email Id for contact: principal.ncsd@gmail.com
  - (d) Fax number: **011 - 24107261, 26874200**
3. This RFP is divided into five Parts as follows:
  - (a) **Part I** – Contains General Information and Instructions for the Bidders about the RFP such as the time, place of submission and opening of tenders, Validity period of tenders, etc.
  - (b) **Part II** – Contains essential details of the items/services required, such as the Schedule of Requirements (SOR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee details.
  - (c) **Part III** – Contains Standard Conditions of RFP, which will form part of the Supply order with the successful Bidder.
  - (d) **Part IV** – Contains Special Conditions applicable to this RFP and which will also form part of the supply order with the successful Bidder.
  - (e) **Part V** – Contains Evaluation Criteria and Format for Price Bids.

4. This RFP is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the RFP, should it become necessary at any stage.

5. This RFP contains pages from 1 to 19, please check carefully and if any page missing then please contact undersigned.

Sdxx/-----  
(Gurbir Singh)  
Commander  
Executive Director NCS Delhi

## PART I - GENERAL INFORMATION

1. **Last date and time for depositing the Bids:** Date: 30 Mar 2022 Time: 1200 Hrs. The responsibility to ensure this lies with the Bidder.
2. **Manner of depositing the Bids:** Sealed Bids should be either dropped in the Tender Box at **Gate No. 1 of Navy Children School, Satya Marg, Chanakyapuri, New Delhi - 110023** or **to be sent by registered post** at the address given above so as to reach by the due date and time. Late tenders will not be considered. No responsibility will be taken for postal delay or no delivery/non-receipt of Bid documents. **Bids sent by FAX will not be considered** (unless they have been specifically called for by these modes due to urgency).
3. **Time and date for opening of Bids:** 1230Hrs 31 Mar 2022 (If due to any exigency, the due date for opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at the same time or on any other day/time, as intimated by the Buyer).
4. **Location of the Tender Box:** Gate No. 1 of Navy Children School, Satya Marg, Chanakyapuri, New Delhi - 110023. Only those Bids that are found in the tender box or sent by registered post will be opened. **Bids dropped in the wrong Tender Box will be rendered invalid.**
5. **Place of opening of the Bids:** Navy Children School, Satya Marg, Chanakyapuri, New Delhi - 110023. The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time.
6. **Two Bid System:** Only the Technical Bid would be opened on the time and date mentioned above. Date of opening of the Commercial Bid will be intimated after acceptance of the Technical Bids. Commercial Bids of only those firms will be opened, whose Technical Bids are found compliant/suitable after Technical evaluation is done by the Buyer.
7. **Forwarding of Bids:** Bids should be forwarded by Bidders under their original memo / letter pad inter alia furnishing details like TIN number, GST number, Bank address with EFT Account if applicable, ECS Mandate Form as per form 11 of DPM 2009 etc and complete postal & e-mail address of their office.
8. **Clarification regarding contents of the RFP:** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to the Buyer in writing about the clarifications sought not later than **07 (seven) days** prior to the date of opening of the Bids.
9. **Modification and Withdrawal of Bids:** A bidder may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the Buyer prior to deadline prescribed for submission of bids. A withdrawal notice may be sent by fax but it should be followed by assigned confirmation copy to be sent by post and such signed confirmation should reach the purchaser not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in Bidder's forfeiture of bid security.
10. **Clarification regarding contents of the Bids:** During evaluation and comparison of bids, the Buyer may, at its discretion, ask the bidder for clarification of his bid. The request for clarification will be given in writing and no change in prices or substance of the bid will be

sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.

11. **Rejection of Bids:** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected.

12. **Unwillingness to quote:** Bidders unwilling to quote should ensure that intimation to this effect reaches before the due date and time of opening of the Bid, failing which the defaulting Bidder may be delisted for the given range of items as mentioned in this RFP.

13. **Validity of Bids:** The Bids should remain valid till **120 days** from the last date of submission of the Bids.

14. **Earnest Money Deposit:** - Bidders are required to submit the Earnest Money Deposit (EMD) for amount of **Rs 80,000/- (Rs Eighty Thousand only)** along with their bids on the account of **“Navy Children School”** payable at **New Delhi**. The EMD may be submitted in the form of an Account Payee Fixed Deposit Receipt, or Bank Guarantee from any of the public sector banks or a private sector bank authorized to conduct government business as per Form DPM-16 (Available in MoD website). EMD is to remain valid for a period of **Forty Five Days** beyond the final bid validity period. EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract. The Bid security of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from them as called for in the contract. EMD is not required to be submitted by those Bidders who are registered with the Central Purchase Organization (e.g. DGS&D), National Small Industries Corporation (NSIC), MSME or any Department of MoD or MoD itself. The EMD will be forfeited if the bidder withdraws or amends impairs or derogates from the tender in any respect within the validity period of their tender. The terms- “Department of MoD or MoD itself would mean either Ministry of Defence itself or Departments functioning under MoD i.e. Dept. of Defence, Dept of Defence Production, Dept of Ex-serviceman Welfare, Dept of Defence Research & Development and Defence Finance only.” Firm registered/empanelment at various Defence Establishments at unit level and at service Headquarters level cannot be considered for the purpose of exemption from submitting EMD.

Note:- Tenders received with EMD submitted in other form (As explained above) will be rejected.

## PART II – ESSENTIAL DETAILS OF ITEMS REQUIRED

1. **Schedule of Requirements - 20 Interactive Flat Panels and accessories.** List of specifications required is as follows:-

Ser	Detailed Specifications	Min Requirements	To be furnished by the firm (Yes/ No)
1	Interactive Flat Panel (Country of origin)	India	
2	Interactive Panel Make & Type	Please mention	
3	Display Panel Diagonal size (inch)	75"	
4	Width and Height of the display area	4 ftx1927mm	
5	Backlight technology / type	DLED	
6	TFT Grade and make & quality display	Please mention	
7	Surface protection toughened glass, level MOHS std	Yes	
8	Full metal body	Yes	
9	Glass and TFT zero bonding technology	Yes	
10	Display resolution (pixels)	3840x2160, 4K	
11	Display brightness (Nits)	450 cd/m2	
12	Contrast ratio	15000:1	
13	Refresh frequency	60 Hz	
14	Screen response time	< 6ms	
15	Touch Accuracy	0.5 mm or less	
16	Number of touch points	20 minimum	
17	Touch detect type of pen	User friendly / latest Qty-02	
18	Operating system Original and compatibility (built in)	Windows 10 PRO & Android 8 & above	
19	Number of input HDMI INports and Out ports	02 each	
20	Number of USB 02.0 ports	02	
21	Number of USB 03.1 ports	02	
22	Number of audio inputs ports	02 minimum	
23	Number of audio SPDIF optical output ports	01 minimum	
24	Number of RS-232 C ports	01 minimum	
25	Number of RJ 45 ports	01 minimum	
26	Number of VGA-IN ports	02 minimum	
27	Number of VGA-out ports	02 minimum	
28	Provision of in-built speakers 20 watt	02	
29	Blue tooth connectivity	Yes	
30	Blue tooth support version	4.2 and above	
31	Wifi connectivity built in chromatic	02	
32	Number of passive pen / stylus to be supplied	02 supporting 2.4 to 5 GHz	
33	Two parallel OS processor system	Yes	
34	Android RAM size	3 GB minimum	
35	Android Flash size	16 GB	
36	Windows CPR processor (in built)	i5 8th generation or	

		above	
37	Windows CPU RAM Type	4GB or above	
38	Windows CPU HDD Type / SATA	1 TB	
39	Number of front facing speaker	02 minimum	
40	Output of each front speaker (in watt)	16 watt	
41	Power consumption supply voltage	230 v ac	
42	Panel/System life	13 yrs/ 30,000 hrs	
43	Supply white board software in windows and android	Yes	
44	Inbuilt classroom addressing software for OS	Yes	
45	Inbuilt classroom monitoring software for OS	Yes	
46	WBS to have 'drag and drop'	Required	
47	WBS to have automatically memorizing mostly used tools by the user	Required	
48	Panel is to support languages like English Hindi & Local Languages	Required	
49	Voice dictation / one recognition available	Required	
50	WBS to have all necessary user friendly supports	Required	
51	Free installation kit / manual to be provided	Required	
52	All connecting cables and accessories to be supplied	Required	
53	The panel to have certificate of zero ionized radiation, BIS approved	Required	
54	Comprehensive physical replacement warranty	Three Years	
55	Unlimited Training sessions and certifications for teachers as and when required	Yes	
56	The firm may recommend / furnish any other specification /details in its support. Like unlimited training, contents, warranty etc	Required	
57	Regular Software upgradation and updation	Yes	
58	Free Maintenance until comprehensive warranty period	Yes	

59	Down time services on complaints, name & number of nearest contact person	Required	
60	Provision of substitute panel if down time is longer	Yes, free of cost	
61	Replacement warranty of unserviceable accessories.	Yes	
62	After-sales-services apart from the above if any	Yes	
63	Inbuilt classroom recording software	Yes	
64	Inbuilt Classroom Management software	Yes	
65	CPU Warranty	Min 3 Years	
66	Android Processor	ARM 1.8 GHz Quad Core CPU and GPU Mali 450	
67	Operating Temperature and Humidity	-10 to 70 degrees 10% to 90%	
68	CPU/SSD	Min 128 GB	
69	Power Stabilizer	Integrated Digital Power Stabiliser	
70	Graphics	Intel UHD Graphics 620	
71	Comprehensive Replacement Warranty Certificate	Yes	

2. **Delivery Period:** Delivery period would be within 15 days from the date of finalization of contract / issue of Supply order. Please note that the contract can be cancelled unilaterally by the Buyer in case, the said items are not provided within the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the Buyer, with applicability of LD clause (wherever applicable).

3. **Terms of Delivery:** Delivery would also include complete installation, operationalisation of the said items and training for the teaching staff to operate these items. Delivery, installation and training have to be finished within two weeks at Navy Children School, Satya Marg, Chanakyapuri, New Delhi from the date of supply order.

4. **Two Bid System:-** In respect of Two-Bid system, bidders are required to furnish clause compliance bringing out clearly deviation from specifications, if any. The Bidders are advised to submit the compliance statements in the format placed at **Annexure 'A'** of this RFP with Technical Bid. Non submission of compliance statement will lead to rejection of technical bids.

5. **Consignee details:** Principal, Navy Children School, Satya Marg, Chanakyapuri, New Delhi - 110023

## **PART III – STANDARD CONDITIONS OF RFP**

**The Bidder is required to give confirmation of their acceptance of the Standard Conditions of the 'Request for Proposal' mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of the Bid submitted by the Bidder.**

1. **Law**: The Contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.

2. **Effective Date of the Contract**: The contract shall come into effect on the date of signatures of both the parties on the contract (Effective Date) and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries and supplies and performance of the services shall commence from the effective date of the contract.

3. **Arbitration**: All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the Contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration. The standard clause of arbitration is as per Forms DPM-7, DPM-8 and DPM-9 (Available in MoD website and can be provided on request).

4. **Penalty for use of Undue influence**: The Seller undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the Buyer or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favour to any person in relation to the present Contract or any other Contract with the Government of India. Any breach of the aforesaid undertaking by the Seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the Seller) or the commission of any offers by the Seller or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the Buyer to cancel the contract and all or any other contracts with the Seller and recover from the Seller the amount of any loss arising from such cancellation. A decision of the Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Seller towards any officer/employee of the Buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favour in relation to this or any other contract, shall render the Seller to such liability/ penalty as the Buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Buyer.

5. **Access to Books of Accounts**: In case it is found to the satisfaction of the Buyer that the Seller has engaged an agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agent/Agency Commission and penalty for use of undue influence, the Seller, on a specific request of the Buyer, shall provide necessary information/ inspection of the relevant financial documents/information.

6. **Non-disclosure of Contracted documents:** Except with the written consent of the Buyer/Seller, other party shall not disclose the contracted or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

7. **Liquidated Damages:** In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, Supply the stores/goods and conduct trials, installation of equipment, training, etc as specified in this contract, the Buyer may, at his discretion, withhold any payment until the completion of the contract. The BUYER may also deduct from the SELLER as agreed, liquidated damages to the sum of **0.5%** of the contract price of the delayed/undelivered stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed stores.

8. **Termination of Contract:** The Buyer shall have the right to terminate this Contract in part or in full in any of the following cases:-

(a) The delivery of the material is delayed for causes not attributable to Force Majeure for more than (02 months) after the scheduled date of delivery.

(b) The Seller is declared bankrupt or becomes insolvent.

(c) The delivery of material is delayed due to causes of Force Majeure by more than (02 months) provided Force Majeure clause is included in contract.

(d) The Buyer has noticed that the Seller has utilized the services of any Indian/Foreign agent in getting this contract and paid any commission to such individual/company etc.

(e) As per decision of the Arbitration Tribunal.

9. **Notices:** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally or may be sent by FAX or registered pre-paid mail/airmail, addressed to the last known address of the party to whom it is sent.

10. **Transfer and Sub-letting:** The Seller has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

11. **Patents and other Industrial Property Rights:** The prices stated in the present Contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges, trademarks and payment for any other industrial property rights. The Seller shall indemnify the Buyer against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or use. The Seller shall be responsible for the completion of the supplies including spares, tools, technical literature and training aggregates irrespective of the fact of infringement of the supplies, irrespective of the fact of infringement of any or all the rights mentioned above.

12. **Amendments:** No provision of present Contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this Contract and signed on behalf of both the parties and which expressly states to amend the present Contract.

13. **TAXES & DUTIES:- INDIGENOUS BIDDERS**

(i) **GENERAL:-**

(a) Bidder must indicate separately the relevant Taxes/Duties likely to be paid in connection with delivery of completed goods specified in RFP. In absence of this the total cost quoted by them in their bids will be taken in to account in the ranking of bids.

(b) If a bidder is exempted from payment of any duty/tax up to any value of supplies from them, he should clearly state that no such duty/tax will be charged by them up to the limit of exemption which they may have. If any concession is available in regard to rate/ quantum of any duty / tax, it should be brought out clearly. In such cases, relevant certificate will be issued by the buyer later to enable the seller to obtain exemptions from taxation authorities.

(c) Any changes in levies, taxes and duties levied by Central /State/Local Governments such as GST on final product upward as a result of any statutory variation taking place within contract period shall be allowed reimbursement by the buyer, to the extent of actual quantum of such duty/ tax paid by the seller. Similarly, in case of downward revision in any such duty/tax, the actual quantum of reduction of such duty/ tax shall be reimbursed to the buyer by the seller. All such adjustment shall include all reliefs, exemptions, rebates concession, etc, if any, obtain by the seller. Section 64 – A of sales of goods Act will be relevant in this situation.

(d) Levies taxes and duties levied by Central /State/Local Governments such as GST on final product will be paid by the buyer on actual, based on relevant documentary evidence. Taxes and duties on input items will not be paid by buyer and they may not be indicated separately in the bids. Bidders are required to include the same in the pricing of their product.

(ii) **GST:-**

(a) GST as applicable to be indicated in the bid. In the absence of any such stipulation in the bid, it will be presumed that the prices quoted by the Bidder are inclusive of GST and no liability of GST will devolve upon the Buyer.

(iii) **OCTROI DUTY & LOCAL TAXES:-** Octroi exemption certificate will not be issued by this School.

## **PART IV – SPECIAL CONDITIONS OF RFP**

**The Bidder is required to give confirmation of their acceptance of Special Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of Bid submitted by the Bidder.**

1. **Performance Guarantee**: The Bidder will be required to furnish a Performance Guarantee by way of Bank Guarantee through a public sector bank or a private sector bank authorized to conduct government business (ICICI Bank Ltd., Axis Bank Ltd or HDFC Bank Ltd.) for a sum equal to **3%** of the contract value within 30 days of receipt the confirmed order. Performance Bank Guarantee should be valid up to 60 days beyond the date of warranty. The specimen of PBG is given in Form DPM-15 (Available in MoD website and can be provided on request).

2. **Option Clause**: The contract will have an Option Clause, wherein the Buyer can exercise an option to procure an additional 50% of the original contracted quantity in accordance with the same terms & conditions of the present contract. This will be applicable within the currency of contract. The Bidder is to confirm the acceptance of the same for inclusion in the contract. It will be entirely the discretion of the Buyer to exercise this option or not.

3. **Repeat Order Clause** – The contract will have a Repeat Order Clause, Wherein the Buyer can order up to 50% quantity of the items under the present contract within six months from the date of Supply/successful completion of this contract, the cost, terms & conditions remaining the same. The Bidder is to confirm acceptance of this clause. It will be entirely the discretion of the Buyer to place the Repeat order or not.

4. **Tolerance clause**: To take care of any change in the requirement during the period starting from issue of RFP till placement of the contract, Buyer reserves the right to 50% plus / minus increase or decrease the quantity of the required goods upto that limit without any change in the terms & conditions and prices quoted by the seller. While awarding the contract the quality ordered can be increased or decreased by the Buyer within this tolerance limit.

5. **Fall clause** - The following fall clause will form part of the contract placed on successful Bidder –

(a) The price charged for the stores supplied under the contract by the Seller shall in no event exceed the lowest prices at which the Seller sells the stores or offer to sell stores of identical description to any persons/organization including the purchaser or any department of the Central government or any Department of state government or any statutory undertaking the central or state government as the case may be during the period till performance of all Supply Orders placed during the currency of the rate contract is completed.

(b) If at any time, during the said period the Seller reduces the sale price, sells or offer to sell such stores to any person/organization including the Buyer or any Deptt, of central Govt. or any Department of the State Government or any Statutory undertaking of the Central or state Government as the case may be at a price lower than the price chargeable under the contract, the forthwith notify such reduction or sale or offer of sale to the Director general of Supplies & Disposals and the price payable under the contract for the stores of such reduction of sale or offer of the sale shall stand correspondingly reduced.

6. **Franking Clause:**

(a) **Franking Clause in the case of Acceptance of Goods.** The fact that the goods have been inspected after the delivery period and passed by the Inspecting Officer will not have the effect of keeping the contract alive. The goods are being passed without prejudice to the rights of the Buyer under the terms and conditions of the contract.

(b) **Franking Clause in the case of Rejection of Goods.** The fact that the goods have been inspected after the delivery period and rejected by the Inspecting Officer will not bind the Buyer in any manner. The goods are being rejected without prejudice to the rights of the Buyer under the terms and conditions of the contract.

7. **Payment Terms:** It will be mandatory for the Bidders to indicate their bank account numbers and other relevant e-payment details so that payments could be made through ECS / EFT mechanism instead of payment through cheques, wherever feasible. A copy of the model mandate form prescribed by RBI to be submitted by Bidders for receiving payments through ECS is at Form DPM-11 (Available in MoD website and can be given on request.)

8. **Advance Payments:** No advance payment(s) will be made.

9. **Paying Authority:** Chairman, Navy Children School, Chanakyapuri, New Delhi

10. **Risk & Expense clause-**

(a) Should the stores or any installment thereof not be delivered within the time or times specified in the contract documents, or if defective delivery is made in respect of the stores or any installment thereof, the Buyer shall after granting the Seller 45 days to cure the breach, be at liberty, without prejudice to the right to recover liquidated damages as a remedy for breach of contract, to declare the contract as cancelled either wholly or to the extent of such default.

(b) Should the stores or any installment thereof not perform in accordance with the specifications / parameters provided by the **SELLER** during the check proof tests to be done in the Buyer's country, the **BUYER** shall be at liberty, without prejudice to any other remedies for breach of contract, to cancel the contract wholly or to the extent of such default.

(c) In case of a material breach that was not remedied within 45 days, the **BUYER** shall, having given the right of first refusal to the **SELLER** be at liberty to purchase, manufacture, or procure from any other source as he thinks fit, other stores of the same or similar description to make good:-

(i) Such default

(ii) In the event of the contract being wholly determined the balance of the stores remaining to be delivered there under.

(d) Any excess of the purchase, cost of manufacturer, or value of any stores procured from any other supplier as the case may be, over the contract price appropriate to such default or balance shall be recoverable from the **SELLER**.

11 **Specification**: The following specification clause will form part of the contract placed on successful Bidder- the Seller guarantees to meet the specifications as per Part-2 of RFP and to incorporate the modifications to the existing design configuration to meet the specific requirement of the Buyer. The Bidders are required to specify Brand, Make and Model of item in their Technical Bid as per annexure 'A' & 'B'.

12. **Earliest Acceptable Year of Manufacture**: **2021**. Quality / Life certificate will need to be enclosed with the Bill.

13. **OEM Certificate**: In case the Bidder is not the OEM, the agreement certificate with the OEM for sourcing the spares shall be mandatory. However, where OEMs do not exist, minor aggregates and spares can be sourced from authorized vendors subject to quality certification.

14. **Quality**: The quality of the stores delivered according to the present Contract shall correspond to the technical conditions and standards as per Annexure 'A' & 'B' valid forth deliveries of the same stores for in Seller's country or specifications enumerated as per RFP and shall also include therein modification to the stores suggested by the Buyer. Such modifications will be mutually agreed to. **The Seller confirms that the stores to be supplied under this Contract shall be new i.e. not manufactured before (2021)**, and shall incorporate all the latest improvements and modifications thereto and spares of improved and modified equipment are backward integrated and interchangeable with same equipment supplied by the Seller in the past if any. The Seller shall Supply an interchangeability certificate along with the changed part numbers wherein it should be mentioned that item would provide as much life as the original item.

15. **Completion of work**: The installation work for Interactive panels is to be completed within four weeks after award of contract.

16. **Force Majeure clause**

(a) Neither party shall bear responsibility for the complete or partial nonperformance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after the conclusion of the present contract.

(b) In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

(c) The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.

(d) Certificate of a Chamber of Commerce (Commerce and Industry) or other competent authority or organization of the respective country shall be a sufficient proof of commencement and cessation of the above circumstances.

(e) If the impossibility of complete or partial performance of an obligation lasts for more than 6 (six) months, either party hereto reserves the right to terminate the contract totally or partially upon giving prior written notice of 30 (thirty) days to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods received.

17. **Inspection Authority** - A pre-inspection of all the material used in construction will be done by the members of work monitoring committee of school before commencement of the work. Work monitoring committee will be comprising of Vice Chairman, Executive Director, Principal and nominated teachers (if any) of Navy Children School Chanakyapuri, New Delhi.

18. **Warranty** - The following Warranty will form part of the contract placed on the successful Bidder:-

(a) Except as otherwise provided in the invitation tender, the Seller hereby declares that the goods, stores articles sold/supplied to the Buyer under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained/mentioned in contract.

(b) The Seller hereby offers Replacement warranty: 03 Years comprehensive warranty

(c) If during the aforesaid period of 36 months the said goods/stores/articles be discovered not to conform to the description and quality aforesaid not giving satisfactory performance or have deteriorated and the decision of the Buyer in that behalf shall be final and binding on the Seller and the Buyer shall be entitled to call upon the Seller to rectify the goods/stores/articles or such portion thereof as is found to be defective by the Buyer within a reasonable period or such specified period as may be allowed by the Buyer in his discretion on application made thereof by the Seller and in such an event, the above period shall apply to the goods/stores/articles rectified from the date of rectification mentioned in warranty thereof, otherwise the Seller shall pay to the Buyer such compensation as may arise by reason of the breach of the warranty therein contained.

19. **Guidelines to Vendor for Filling up the Quotation:-** The following points are suggested to ensure non- rejection of quotation due to errors generally committed while filling the quotation form.

(a) No (R) No over writing is allowed in the rate once quoted. However, if the rate is to be amended, the old rate be circled and new rate quoted separately duly authenticated by the vendors.

(b) Tender number invariably be quoted with date. In case the tender number is given as Nil the date column is required to be filled.

(c) **Technical and Commercial bid is to be enclosed in separate envelopes since commercial bid will only be opened if Technical bid qualifies for the same.**

(d) In case the rates are not quoted on the quotation form forwarded by you, the same can be quoted on firm's letter head provided the date of filling up the quotation and all relevant information are given.

(e) Separate letters suggesting changes in rates quoted on the letter head or the quotation form, whether upward or down ward, will not be accepted after opening of quotations as per scheduled time and date and also may lead to rejection of quotations.

20. **Name of the vendor backing out / defaulting after opening of tenders will be recommended for deletion from the compendium of registered supplier maintained by Navy Children School, Chanakyapuri and other defence organizations or for particular group of items depending on merits also would entail forfeiture of EMD.**

## **PART V – EVALUATION CRITERIA & PRICE BID ISSUES**

1. **Evaluation Criteria:** - The broad guidelines for evaluation of Bids will be as follows:

(a) Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the RFP both technically and commercially.

(b) In respect of Two-Bid system, the technical bids forwarded by the Bidders will be evaluated by the Buyer with reference to the technical characteristics of the equipment as mentioned in the RFP. The compliance of Technical Bids would be determined on the basis of the parameters specified in the RFP, failing which the tech bids will be rejected. The price Bids of only those Bidders will be opened whose Technical Bids would clear the technical evaluation.

(c) The Lowest Bid will be decided upon the lowest price quoted by the particular Bidder as per the Price Format given at Para 2 below. The consideration of taxes and duties in evaluation process will be as follows:

**“The evolution and comparison of responsive bids will be done on the prices of the goods offered and other charges such as packing and forwarding, Freight and Insurance, AMC etc, as applicable, indicated and required by the user in the price schedule of the bid document but excluding levies, taxes In case where only Indian bidders are competing, L-1 bidder will be determined by excluding levies taxes and duties levied by Central/State/Local.”**

(d) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.

(e) The lowest acceptable bid will be considered further for placement of contract / supply order after complete clarification and price negotiations as decided by the buyer. The buyer will have the right to award contracts to different bidders for being lowest in particular item. The buyer also reserves the right to do Appointment of Quality, if it is convinced that Lowest Bidder is not in a position to supply full quantity in stipulated time. Any other criteria as applicable to suit a particular case can be followed by the buyer.

(f) Enclose the copy of the three latest supply orders placed on your firm by any other Govt agency with your price bid.

2. **Price Bid Format:** The Price Bid Format is given as Annexure ‘B’ and Bidders are required to fill this up correctly with full details.

(a) Basic cost of item:- Attached as Annexure ‘B’

**Note- Determination of L-1 will be done based on total of basic price (not including levies, taxes and duties levied by Central/State/Local Government such as GST on final product) of all items /requirements as mentioned at annexure “ B”.**

3. **Additional information in price bid on taxes duty (not in scope of L-1 determination)**

(a) Is GST extra or inclusive and rate of GST applicable?

(b) Any other Taxes / Duties / Overheads / Other costs:

4. **Instructions to Bidders: Technical Bid** (Failing which Bids may be rejected)

(a) The bidder must be authorized dealer/distributor/manufacturer.

(b) He must be having an experience of at least 3 years in supply subject material.

(c) The supporting documents in respect of pre- qualification criteria is to be submitted.

(d) A firm registered with any Procurement / Registering Authority for the manufacture/ supply of the tendered goods / Services would be eligible to bid.

(e) Where an unregistered firm claiming compliance of technical specification, meets the laid down technical parameters detailed in the RFP, before opening the commercial bid of such firm, assessment of capabilities of the firm by Procuring /registering agency would be mandatory. This capability verification will, however, not amount to automatic registration of firm by the Registering Authority.

(f) An unregistered firm may get itself assessed for capacity/competency to manufacture/ supply the tendered goods to become eligible to participate in tendering.

(g) Commercial bids of all firms which are registered with procurement / registering authorities for manufactures/ supply of tendered goods and who comply to all other terms and conditions specified in the tendered enquiry will only be opened after evaluation of technical bids by Technical Evaluation Committee (TEC) and approval for TEC Report by the CFA.

(h) The commercial bids of all other tenders who are not found to comply with terms and conditions as above will be returned to the tenders in sealed and unopened condition as received.

(j) Supply and complete installation has to be completed within 30 days after award of contract.

5. Prospective vendors who are willing to abide by Standard Terms & Conditions of Defence procurement manual-2009 (available on MOD website) only need apply.

6. The vendors are requested to authenticate each page of the Tender Enquiry before submitting the same and ensure that there is no (R) no overwriting on the rates quoted. Rates are to be quoted both in figure as well as in words. Non adherence to the same will be deemed for rejection of offer out rightly.

**Note:** Deviation in RFP will result in rejection of bids.

**TECHNICAL BID FORMAT**  
**TECHNICAL SPECIFICATIONS FOR QTY 20 INTERACTIVE FLAT PANELS AND**  
**ACCESSORIES**

Ser	Detailed Specifications	Min Requirements	To be furnished by the firm (Yes/ No)
1	Interactive Flat Panel (Country of origin)	India	
2	Interactive Panel Make & Type	Please mention	
3	Display Panel Diagonal size (inch)	75"	
4	Width and Height of the display area	4 ftx1927mm	
5	Backlight technology / type	DLED	
6	TFT Grade and make & quality display	Please mention	
7	Surface protection toughened glass, level MOHS std	Yes	
8	Full metal body	Yes	
9	Glass and TFT zero bonding technology	Yes	
10	Display resolution (pixels)	3840x2160, 4K	
11	Display brightness (Nits)	450 cd/m2	
12	Contrast ratio	15000:1	
13	Refresh frequency	60 Hz	
14	Screen response time	< 6ms	
15	Touch Accuracy	0.5 mm or less	
16	Number of touch points	20 minimum	
17	Touch detect type of pen	User friendly / latest Qty-02	
18	Operating system Original and compatibility (built in)	Windows 10 PRO & Android 8 & above	
19	Number of input HDMI INports and Out ports	02 each	
20	Number of USB 02.0 ports	02	
21	Number of USB 03.1 ports	02	
22	Number of audio inputs ports	02 minimum	
23	Number of audio SPDIF optical output ports	01 minimum	
24	Number of RS-232 C ports	01 minimum	
25	Number of RJ 45 ports	01 minimum	
26	Number of VGA-IN ports	02 minimum	
27	Number of VGA-out ports	02 minimum	
28	Provision of in-built speakers 20 watt	02	
29	Blue tooth connectivity	Yes	
30	Blue tooth support version	4.2 and above	
31	Wifi connectivity built in chromatic	02	
32	Number of passive pen / stylus to be supplied	02 supporting 2.4 to 5 GHz	
33	Two parallel OS processor system	Yes	
34	Android RAM size	3 GB minimum	
35	Android Flash size	16 GB	

36	Windows CPU processor (in built)	i5 8th generation or above	
37	Windows CPU RAM Type	4GB or above	
38	Windows CPU HDD Type / SATA	1 TB	
39	Number of front facing speaker	02 minimum	
40	Output of each front speaker (in watt)	16 watt	
41	Power consumption supply voltage	230 v ac	
42	Panel/System life	13 yrs/ 30,000 hrs	
43	Supply white board software in windows and android	Yes	
44	Inbuilt classroom addressing software for OS	Yes	
45	Inbuilt classroom monitoring software for OS	Yes	
46	WBS to have 'drag and drop'	Required	
47	WBS to have automatically memorizing mostly used tools by the user	Required	
48	Panel is to support languages like English Hindi & Local Languages	Required	
49	Voice dictation / one recognition available	Required	
50	WBS to have all necessary user friendly supports	Required	
51	Free installation kit / manual to be provided	Required	
52	All connecting cables and accessories to be supplied	Required	
53	The panel to have certificate of zero ionized radiation, BIS approved	Required	
54	Comprehensive physical replacement warranty	Three Years	
55	Unlimited Training sessions and certifications for teachers as and when required	Yes	
56	The firm may recommend / furnish any other specification /details in its support. Like unlimited training, contents, warranty etc	Required	
57	Regular Software upgradation and updation	Yes	

58	Free Maintenance until comprehensive warranty period	Yes	
59	Down time services on complaints, name & number of nearest contact person	Required	
60	Provision of substitute panel if down time is longer	Yes, free of cost	
61	Replacement warranty of unserviceable accessories.	Yes	
62	After-sales-services apart from the above if any	Yes	
63	Inbuilt classroom recording software	Yes	
64	Inbuilt Classroom Management software	Yes	
65	CPU Warranty	Min 3 Years	
66	Android Processor	ARM 1.8 GHz Quad Core CPU and GPU Mali 450	
67	Operating Temperature and Humidity	-10 to 70 degrees 10% to 90%	
68	CPU/SSD	Min 128 GB	
69	Power Stabilizer	Integrated Digital Power Stabiliser	
70	Graphics	Intel UHD Graphics 620	
71	Comprehensive Replacement Warranty Certificate	Yes	

**ELIGIBILITY:**

The technical bid shall be evaluated first and subject to compliance with conditions/modalities covered under part I to IV of the RFP. A pre-inspection of all the supplied materials will be done by the members of work monitoring committee before commencement of the work.

**COMMERCIAL BID FORMAT FOR PROCUREMENT OF 20 INTERACTIVE FLAT PANELS  
FOR NAVY CHILDREN SCHOOL CHANAKYAPURI, NEW DELHI**

1. **Price Bid Format (to be used for L-1 determination).** The price bid Format in general is given below and bidders are required to fill this up correctly with full details.

<b>Ser</b>	<b>Description of Items (I)</b>	<b>Base Price (Rs) (II)</b>	<b>GST (III)</b>	<b>Total Amount (including GST) (IV)</b>
(a)	Supply and installation of 20 Interactive Flat Panels			

**Note:-** Determination of L-1 will be done based on total basic prices (not including levies, taxes, GST and duties levied by Central/ State/ Local governments such as GST/ Excise duty tax etc., on the final product/ services of all requirements/ services mentioned above.

**SPECIAL TERMS AND CONDITIONS**  
**FOR PROCUREMENT OF FOR PROCUREMENT OF 20 INTERACTIVE FLAT PANELS**  
**FOR NAVY CHILDREN SCHOOL CHANAKYAPURI, NEW DELHI**

1. **Make** : Quotes to be submitted for standard brands only.
- (a) **Rates**: Rates should be for New Delhi including all taxes.
  - (b) **Inspection Agencies**: Chairman SMC, Vice Chairman SMC, Executive Director and Principal of Navy Children School, Chanakyapuri, New Delhi.
  - (c) **Validity of Quotes**: The rates should be valid for 120 days. Any quote received less than 120 days of validity will be summarily rejected. **No conditional quotes will be accepted.**
  - (d) **EMD**: Earnest Money Deposit of **Rs 80,000/- (Rs Eighty Thousand only)** is to be sent along with Bids.
  - (e) All pages of this RFP are required to be signed and stamped with date.