

Tel No. 2812409

[Reply to be addressed to Principal, NCS (VZG)]

Navy Children School
Nausena Baugh
Gandhigram Post
Visakhapatnam 05

NCS(VZG)/CCTV/001/24-25

28 Nov 24

TENDER ENQUIRY FOR CC-CAMERAS – NCS(VZG)

Dear Sir,

1. You are invited to submit the Quotation in sealed cover for supply and installation of CC-cameras for Navy Children School, Visakhapatnam.
2. The tenders are to be submitted in 'T' bid and 'Q' bid separately mentioning the bid clearly on it. The sealed envelope should also contain the phone no of the firm and contact person's name on the top. The sealed envelope is to be submitted to NCS, Nausena baugh, Visakhapatnam by 1600 hrs on 13 Dec 2024 either in person or by post to the following address:

The Principal
Navy Children School,
Nausena Baugh,
Visakhapatnam – 530 005.

3. The TE is divided into five parts as explained below: -
 - (a) Part I - Contains general information and instruction for the bidders about TE such as time, place of submission and opening offenders, validity period of tenders, etc.
 - (b) Part II – Detailed scope of work.
 - (c) Part III - Standard conditions of TE
 - (d) Part IV - Special conditions of TE which will form part of the contract with the successful bidder
4. It is suggested a suitable rep from your firm should visit the site before tendering the quote for better assimilation of the requirement.

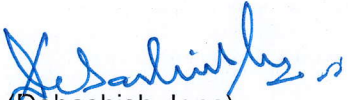


5. Any clarification regarding the configuration and specification may be obtained from the Director / System Administrator secondary wing of Nausena baugh. You may contact 2812957, 2814170, 2577573 for further queries on all working days between 0900hrs to 1600hrs.

Thanking you,

Yours faithfully,




(Debashish Jena)
Commander
Director, NCS(VZG)
for Chairman, NCS(VZG)

Part I - General information

1. Last date & time for depositing the Bids. 1600 Hrs on 13 Dec 2024. The sealed Bid should be deposited/ reach by the due date and time. The responsibility to ensure this lies with the Bidder.
2. Manner of depositing the Bids. Sealed Bid should be either dropped in the Tender Box or 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 non-delivery/ non-receipt of Bid documents. Bids sent by FAX or e-mail 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. 1100 Hrs on 16 Dec 2024. 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. Navy Children School, Nausena Baugh, Visakhapatnam.
5. Place of opening of the Bids. Navy Children School, Nausena Baugh, Visakhapatnam. The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. Rates and important commercial/ technical clauses quoted by all Bidders will be read out in the presence of the representatives of all the Bidders. This event will not be postponed due to non-presence of your representative.
6. Forwarding of Bids. Bids should be forwarded by Bidders under their original memo / letter pad inter alia furnishing details like TIN number, VAT/CST number, Bank address with EFT Account if applicable etc and complete postal & e-mail address of their office.
7. Clarification regarding contents of the TE. 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. Copies of the query and clarification by the purchaser will be sent to all prospective bidders who have received the bidding documents.
8. 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 a signed 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.
9. 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.



10. Rejection of Bids. Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke firm to be disqualified. Conditional tenders will be rejected.
11. Unwillingness to quote. Bidders unwilling to quote should ensure that intimation to this effect (Regret letter) 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 TE.
12. Validity of Bids. The bid should remain valid for 90 days from the last date of submission of the Bids.



Part II - Essential Details of items/ Services required (Detailed Scope of Work)

1. **Locations.** The school is located in three different locations as mentioned below:-

Ser	Location	Wing	Remarks
(a)	Nausena Baugh (NSB)	Kindergarten (KG)	Each of these wings are located in different cluster of buildings. The Wings are separated by anywhere between 100 to 500 Mtrs Apart.
(b)		Primary	
(c)		Secondary	
(e)	104 Area	KG, Primary & Secondary Wing	A set of buildings which are separated by anywhere between 100 to 500 Mtrs apart
(f)	Dolphin Hill	KG	One Building with two floors

2. **Schedule of Requirements.** List of items / services required is as follows:-

(a) **Bill of Quantity :-**

SNO	PRODUCT DESCRIPTION	QTY
1	IP Bullet Cameras with 50 to 60 mtrs range (3 MP resolution, Audio in & Audio Out, 2.7" Progressive scan CMOS, Day/ Night Colour Vision, IR, ONVIF, POE, AI(Face Detection, Human Detection, Active Deterrence), IP67, H.265AI/H.265+)	05 No's
2	IP Bullet Cameras with 20 to 30 mtrs range (3 MP resolution, Audio in & Audio Out, 2.7" Progressive scan CMOS, Day/ Night Colour Vision, WDR, IR, ONVIF, POE, AI(Face Detection, Human Detection, Active Deterrence), IP67, H.265AI/H.265+)	06 No's
3	IP Dome Cameras with 15 to 30 mtrs range (3 MP resolution, Audio in & Audio Out, 2.7" Progressive scan CMOS, Day/ Night Colour Vision, WDR, IR, ONVIF, POE, AI(Face Detection, Human Detection, Active Deterrence), IP67, H.265AI/H.265+)	62 No's
4	64-Channel NVR (GUI interface, Preview, Record, Playback, Backup, Network, ONVIF, HDMI (2 No's), H.265AI/H.265+, AI(Face Detection, Human Detection, Active Deterrence), 8 SATA, Voice Talk, Audio In, Audio Out, RAID, RJ45 (02 No's), USB, PA System Compatable)	02 No's
5	24G 2/4SFP PoE Switch (MAKE: DIGISOL/ DLINK): 24 RJ-45 10/100/1000 PoE+ ports, SFP 100/1000 Mbps ports	06 No's
6	1G TransReceiver SM (LC) : Compatible with Aruba 1930S & 2530 switches	12 No's
7	CAT6 UTP Cable 305 meters Box (MAKE: AMP/ SYSTIMAX/ COMMSCOPE/LEGRAND/ D-Link)	03 No's
8	CAT6 UTP Patch Cords 1M for Jack Panel End (MAKE: AMP/ SYSTIMAX/ COMMSCOPE/ LEGRAND/ D-Link):	01 No's
9	24 port CAT6 UTP Patch/Jack Panel fully loaded (MAKE: AMP/ SYSTIMAX/ COMMSCOPE/ LEGRAND/ D-Link):	01 No's
10	9U Wall Mounted Rack (Valrack / D-Link)	01 No's



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11	PVC 1" inch Conduit (ISI Mark)	500 Mtrs
12	RJ 45 connector Boxes	01 Box
13	Camera junction boxes	24 No's
14	Surveillance HDD (8TB)	04 No's
15	1 KVA Line Interactive UPS (Make: APC/EMERSON/EATON/LIEBERT/NUMERIC)	01 No's
16	Electrical Points : Power Cable (Make: FINOLEX/ HAVELLS/ POLYCAB) Switch & Socket (Make: LEGRAND/ HAVELLS/ ANCHOR)	01 No's
SERVICES:		
SNO	PRODUCT DESCRIPTION	QTY
1	Laying of PVC Pipe	500 Mtrs (Approx.)
2	Fixing of Rack	01 Nos (Approx.)
3	Laying of UTP	800 Mtrs (Approx.)
4	Fixing of Jack Panel	01 Nos (Approx.)
5	Fixing of Switches	06 Nos
6	Fixing of Cameras	73 Nos
7	Fixing of Network Video Recorder	02 Nos
8	Laying of Power cable and fixing switch & Sockets	01 Nos
9	Testing and Commissioning and dressing Charges	1 (LumSum)

(b) **General Specifications :-**

- i) Proposed CCTV system shall open standard based integrated system with distributed architecture having fixed, bullet, Dome, PTZ Day/Night digital surveillance cameras at strategically important locations.
- ii) All the cameras shall be IP based, capable of day/night viewing under very low light conditions and shall be outdoor weather proof (except dome cameras). All Camera's capture video would be viewed & controlled through the Video Management Software and recorded.
- iii) The system shall be triplex (i.e. it should provide facility of viewing, recording and replay simultaneously). All camera recordings shall have camera ID & Location/area of recording as well as date-time stamp to ensure tamper proof recording so that these can be used as evidence at a later date. Cameras ID, Location/Area of recording & date/time shall be pre-programmable by the system administrator
- (iv) The system shall be able to transmit and receive audio from all the cameras and allow officials to monitor locally and centrally from a remote location or on a Portable/Fixed personal computer from anywhere in the school network
- v) Video transmission will be mainly over a wired network. Wired connectivity is suggested through optical fibre cables and a combination of OFC/SFP with all other accessories.



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- vi) The Successful Bidder shall commission the network as per the recommended architecture to achieve the Video surveillance requirements. Optimum speed, data transfer capabilities and video frame rates shall be ensured by the bidder while implementing the solution.
- vii) Monitoring Software for Central Monitoring and its requirement is as follows :-
- aa) Accessing all the cameras from their respected NVR's all at once in the Central Monitoring Unit
 - ab) Provision for configuring and controlling the cameras and NVR's
 - ac) Provision for auto schedule backup from NVR's
 - ad) Should support accessing of Wireless and IP camera's.
- viii) Cables laying should be done on walls and underground cabling wherever there is no provision to run on walls.
- ix) GI pipe should be used while cabling through canals or above canals.
- x) All external cabling to be done with PVC pipe with atleast 1.5mm gauge with ISI mark.
- xi) Where ever the cemented portion has been digged should be cemented and rest other area should be closed properly.
- xii) Internet connection to the monitoring units will be provided by the school, rest other requirement to be mentioned in the quote briefly.
- xiii) Taxes, Transportation, Labour, Fabrication and cement work charges to be mentioned clearly in the quote.
- xiv) Warranty / Guaranty to be mentioned clearly.
- xv) Electrical cabling to the Network Racks to be taken from the nearer DB's by the firm.
- xvi) Cables should be protected properly near cameras from preventing damage from Rats & Squirrels.
- xvii) The firm should take care not to damage any existing infrastructure of the school while installing the CC Cameras. Incase damaged the same to be restored by the firm.
- xviii) A brief study of the site of all wings to be done by the firm by visiting the school on any working days between 0900hrs to 1500 hrs.
- xix) The firm should provide the plan of installation specifying the running of cable and placement of power distribution boxes, cameras etc. in the 'T' Bid.
- xx) The firm should provide a demo of their devices if necessary for technical clarifications.
- xxi) The placement of the cameras will slightly differ depending on the visibility of the coverage area.
- xxii) Tender to be quoted as per the BOQ format mentioning the price against each item.



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(c) **Spares and Consumables :-**

During the guarantee period the contractor shall be responsible for maintenance of entire system, which includes supply & replacement of operational spares & consumables, defective spares etc. Vendor shall provide list of all anticipated operational spares & consumables required during the guarantee period that are included in the cost of the project. On completion of the guarantee period, the unused spares are to be handed over to school. In case of requirement of any spare beyond the above list, the same shall be supplied by the firm at free of cost.

(d) **Commissioning and Training:-**

(i) The Successful Bidder shall carry out the performance test run of the complete system at site after satisfactory installation/ implementation under his supervision.

(ii) After commissioning the system, the same shall be demonstrated for all its functionalities/ capabilities to the relevant user department to make them familiar with the system.

(iii) The Successful Bidder should train school personnel at two levels.

aa) Training for the operations to the operator/ Incharge and security staff.

ab) Training for the supervisory staff

(e) **Special Terms and Specifications :-**

i) Supply - Single Source

ii) Execution - Each item shall be meeting the technical specification mentioned against individual item.

iii) BID evaluation - Overall basis

iv) Supply Period - Within 45 days from date award of Purchase Order

v) Installation & Commissioning – Within 90 days from the date of award of Purchase Order

vi) The bidder should submit tender specific authorization from respective OEM's related to the Network and CCTV.

vii) The bidder should have executed similar order in last 5 years. Similar order means "Design, Supply, Commission of Networking or CCTV Solution" in any Govt. or PSUs. Copy of purchase order and work completion certificate should be submitted.

viii) The Bidder shall not be under a Declaration of Ineligibility for blacklisted with any of the Government agencies in India.

ix) Bidder should have valid and ISO certificate (20000-1:2011) under IT & Surveillance.

x) Warranty - 02 years from the date of successful installation & commissioning.



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Part III - Standard Conditions of TE

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 the Republic of India.
2. Earnest Money Deposit: Bidders are required to submit 2% of the estimated value as Earnest Money Deposit (EMD) along with their bids. The EMD may be submitted in the form of an Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the public sector banks or a private sector bank authorized to conduct government business. EMD is to remain valid for a period of thirty 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) 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.
3. Performance Bank Guarantee. PBG deposit payable to the purchaser is furnished by the supplier @ 5% of the contract value in form of a performance bank guarantee issued by a public sector bank or a private sector bank authorized to conduct govt, business within thirty days from the date of contract and the same will be for a period of 30 days beyond the date completion including warranty.
4. Effective Date of the Contract. The contract shall come into effect on the date of deliveries and supplies and performance of the services shall commence from the effective date of the contract.
5. 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).
6. Non-disclosure of Contract documents. Except with the written consent of the Buyer/Seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.
7. Liquidated Damages. in the event of the Vendor's failure to submit the Bonds, Guarantees and Documents, 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 installation 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.



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8. 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.

9. 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.

10. 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.

11. Warranty for 24 Months. The following Warranty will form part of the contract placed on successful

Bidder-

(a). The Seller warrants that the goods supplied under the contract conform to technical specifications prescribed and shall perform according to the said technical specifications.

(b). The Seller warrants for a period of 24 months from the date of acceptance of stores by Joint Receipt Inspection or date of installation and commissioning, whichever is later, that the goods/stores supplied under the contract and each component used in the manufacture thereof shall be free from all types of defects./ failures.

(c). If within the period of warranty, the goods are reported by the Buyer to have failed to perform as per the specifications, the Seller shall either replace or rectify the same free of charge, within a maximum period of 45 days of notification of such defect received by the Seller, provided that the goods are used and maintained by the Buyer as per instructions contained in the Operating Manual. Warranty of the equipment would be extended by such duration of downtime. Record of the down time would be maintained by the user in the logbook. Spares required for warranty repairs shall be provided free of cost by the Seller. The Seller also undertakes to diagnose, test, adjust, calibrate and repair/replace the goods/equipment arising due to accidents by neglect or misuse by the operator or damage due to transportation of the goods during the warranty period, at the cost mutually agreed to between the Buyer and the Seller.

(d). The Seller also warrants that necessary service and repair back up during the warranty period of the equipment shall be provided by the Seller and he will ensure that the downtime is within 5 % of the warranty period.

(e). The Seller shall associate technical personnel of the Maintenance agency and Quality Assurance Agency of the Buyer during warranty repair and shall also provide the details of complete defects, reasons and remedial actions for defects.

(f). If a particular equipment/goods fails frequently and/or, the cumulative down time exceeds 5% of the warranty period, the complete equipment shall be replaced free of cost by the Seller within a stipulated period of 10 days of receipt of the notification from



the Buyer. Warranty of the replaced equipment would start from the date of acceptance after Joint Receipt Inspection by the Buyer/date of installation and commissioning.

(g). In case the complete delivery of Engineering Support Package is delayed beyond the period stipulated in this contract, the Seller undertakes that the warranty period for the goods/stores shall be extended to that extent.

12. Taxes and Duties.

(a) General

(i) If Bidder desires to ask for excise duty or Sales Tax / VAT / GST extra, the same must be specifically stated. In the absence of any such stipulation, it will be presumed that the prices include all such charges and no claim for the same will be entertained.

(ii) If reimbursement of any Duty/Tax is intended as extra over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duty/tax will be entreated after the opening of tenders.

(iii) If a Bidder chooses to quote a price inclusive of any duty/tax and does not confirm inclusive of such duty/tax so included is firm and final, he should clearly indicate the rate of such duty/tax and quantum of such duty/tax included in the price. Failure to do so may result in ignoring of such offers summarily.

(iv) If a Bidder is exempted from payment of any duty/tax up to any —valud' of cupplios from them, he should clearly state that no such duty/tax will be charged by him up to the limit of exemption which he may have. If any concession is available in regard to rate/quantum of any Duty/tax, it should be brought out clearly. In respect of the Bidders, who fail to comply with this requirement, their quoted prices shall be loaded with the quantum of such duty/tax which is normally applicable on the item in question for the purpose of comparing their prices with other Bidders.

(v) Any change in any duty/tax upward/downward as a result of any statutory variation in excise taking place within contract terms shall be allowed to the extent of actual quantum of such duty/tax paid by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the Seller.

(b) Sales Tax / VAT / GST

(i) If it is desired by the Bidder to ask for Sales tax / VAT / GST to be paid as extra, the same must be specifically stated. In the absence of any such stipulation in the bid, it will be presumed that the prices quoted by the Bidder are inclusive of sales tax and no liability of sales tax will be developed upon the Buyer.

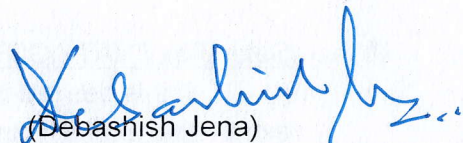
(ii) On the Bids quoting sales tax extra, the rate and the nature of Sales Tax applicable at the time of supply should be shown separately. Sales tax will be paid to the Seller at the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax and the same is payable as per the terms of the contract.



Part IV – Special Conditions of TE

1. The Bidder is required to give confirmation of their acceptance of Special conditions of the TE 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.
2. Payment Terms for Indigenous Sellers. 100% payment on successful delivery and installation. It will be mandatory for the Bidders to indicate their bank account numbers and other relevant e- payment details. The payment will be made as per the following terms, on production of the requisite documents:
3. Advance Payments. No advance payment(s) will be made.
4. Paying Authority. Indigenous Sellers: (Name and address, contact details). The payment of bills will be made on submission of the following documents by the Seller to the Paying Authority along with the bill: -
 - (i) Ink-signed copy of contingent bill / Seller's bill.
 - (ii) Ink-signed copy of Commercial invoice / Seller's bill.
 - (iii) Copy of Supply Order/Contract.
 - (iv) Inspection note.
 - (v) Claim for statutory and other levies to be supported with requisite documents / proof of payment such as Excise duty challan, Customs duty clearance certificate, Octroi receipt, proof of payment for EPF/ESIC contribution with nominal roll of beneficiaries, etc as applicable.
 - (vi) Exemption certificate for Excise duty / Customs duty, if applicable.
 - (vii) Performance Bank guarantee.
 - (viii) Xerox copy of PBG.(Note - From the above list, the documents that may be required depending upon the peculiarities of the procurement being undertaken, may be included in TE)




(Debashish Jena)
Commander
Director, NCS(VZG)
for Chairman, NCS(VZG)