

No. Berl/872/01/2022
Embassy of India
Berlin

**NOTICE INVITING TENDER FOR SELECTING CONTRACTOR
FOR SUPPLY AND INSTALLATION OF NEW CCTV SYSTEM AT
EMBASSY RESIDENCE, BERLIN**

The President of India acting through the Embassy of India in Berlin, requests proposals in single stage two bid system in sealed envelopes from appropriately qualified and adequately experienced Contractors for "Supply and installation of new CCTV system at **Embassy Residence, Berlin**,". The proposal duly completed in prescribed format as per Notice Inviting Tender (NIT) must reach office of Head of Chancery, Embassy of India, Berlin **on or before 29.03.2024**. The detailed tender document along with its annexure may be downloaded from Central Procurement Portal www.eprocure.gov.in and also the official website of the Embassy of India, Berlin at www.indianembassyberlin.gov.in. Bidders are advised to keep visiting the above mentioned website from time to time (till the deadline for bid submission) for any updates in respect of the bid document, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updates thereof, if any. Incomplete applications may be liable for rejection.

2. The objective of this Notice Inviting Tender is to select an appropriately qualified and adequately experienced Contractor for supply and installation of new CCTV system at Embassy Residence, Berlin.

3. **Location and description of Property (Embassy Residence):**

Podbielskiallee 62
14195, Berlin

4. **Scope of Work:**

Attached at Section IV

5. **Period of Completion:** 90 days

Site visit: Physical visit to the site is advisable to have a general idea about the extent of works required and the amount of involvement by the Contractor. Interested firms can visit the site from 1000 hrs to 1500 hrs after prior appointment with Head of Chancery, Embassy of India, Berlin; email- hoc.berlin@mea.gov.in.

6. **Submission:** The proposals (bids) should be submitted in single stage two-bid system comprising of :

6.1. **Earnest Money Deposit**

6.1.1 Each Technical Bid must be accompanied with an Earnest Money Deposit (EMD) of 1000 Euros in the form of a Bank Guarantee/Demand Draft only, drawn on any Nationalized/Scheduled Bank in favour of Embassy of India, Berlin.

6.2 Technical Bid, containing the documents establishing the technical eligibility of the applicant and other documents required for establishing sound financial condition, as per terms & conditions of this tender, and

6.3 Financial Bid, which should be as per the format given in this tender.

The last date of submission of sealed bids is 1700 hrs on 29.03.2024 in the office of Head of Chancery, Embassy of India, Berlin, email- hoc.berlin@mea.gov.in. Technical bids will be opened at 1100 hrs on 02.04.2024 in the Embassy of India, Berlin.

IMPORTANT DATES

| | |
|-------------------------------|-------------------|
| Publication date | February 26, 2024 |
| Bid submission start date | February 27, 2024 |
| Clarification start date | February 27, 2024 |
| Clarification end date | March 22, 2024 |
| Bid submission end date | March 29, 2024 |
| Date of Technical bid opening | April 02, 2024 |
| Date of Financial bid opening | April 04, 2024 |

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Tender Documents

Tender Contents

A. Technical Bid Documents:

- Document I : Invitation to Tender
- Document I – S-I : Instruction to Bidders (Section-I)
- Document I – S-II : Introduction and Credentials of Bidder (Section-II)*
- Document I – S-III : Terms and Conditions of contract (Section-III)
- Document I – S-IV : Scope of Work (Section-IV)
- Document I – S- VII : Undertaking for adherence to Code of Integrity (Section- VII)

** Section-II - Documents about the credential of the bidder, resources, company brochures, construction methodology, experience, management techniques, and any other information about bidder – These documents are to be supplied and attached by the bidder.*

B. Financial Bid Documents:

- Document II :Schedule of Quantity/Items/Bill of Quantities (BOQ) for quoting rates – Bidder is to provide rate for supplying/ commissioning of new CCTV system (Section-V)
- Document III : Form of Tender, Financial bid letter (Section-VI)

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Invitation to Tender

1. The President of India acting through the Embassy of India in Berlin invites Fixed Price Tender for Supply and installation of new CCTV system at Embassy of India, Berlin, Germany. The Fixed Price/Amount tender shall be on the basis of following tender documents:

| Technical Bid Document: | |
|--------------------------------|--|
| Document – I | Press Notice, Invitation to Tender, Instructions to Bidders, Scope of Work , Eligibility Criteria, Conditions of contract including EMD. |
| Financial Bid Document: | |
| Document- II | Schedule of Items (Rate and total fixed price to be quoted on this by bidder). |
| Document- III | Form of Tender. |

2. The last date of submission of sealed bids is 1700 hrs on 29.03.2024 in the office of Head of Chancery, Embassy of India, Berlin, email- hoc.berlin@mea.gov.in. Technical bids will be opened at 1100 hrs on 02.04.2024 in the Embassy of India, Berlin. Any Tender received after this date and time will not be considered.

3. Applicants may send their representative to be present during opening of bids after obtaining prior permission from the Embassy of India, Berlin.

4. Only those bidders who qualify in technical evaluation criteria will be eligible for opening of financial bids. Date of opening of the financial bids will be intimated to the technically qualified bidders separately.

5. The Tender shall remain valid for a period of One Hundred Eighty (180) days from the date of opening of technical bid or till any extended period.

6. Eligibility Criteria:

6.1 Similar work: (a) The company/contractor should have minimum **three years'** experience in similar works.

(b) Preference will be given to those company/contractor which has experience in working with Diplomatic Missions/Govt. Departments/ reputed Hotels/private organization etc. Satisfaction certificates from at least three reputed clients are essential.

“Similar works shall mean successfully carrying out supply, installation, testing and commissioning of CCTV system. “

6.2 Annual Turnover: The annual turnover of the tenderer should be equal to or more than Euro 20,000 during the immediate last three consecutive financial years.

6.3 Profit-Loss: The tenderer should not have suffered loss in more than two financial years in the previous five financial years and must not have suffered loss in the immediate previous financial year.

7. Warranty Period:

7.1 The products shall have at least 02 years OEM warranty from the date of commissioning of CCTV system.

7.2 The service warranty shall also be 02 years from the date of commissioning of CCTV system and it shall be co-terminus with the product warranty.

The detailed terms and conditions for the service warranty are mentioned in Section-IV.

8. Performance Security: 3% of the contract value shall be submitted in the form of a Bank Guarantee as performance security which should remain in force till the Warranty period is over. (Format of Performance Security is attached at Annexure-I, Annexure-B).

9. Financial quote & variations: Contractor shall quote his Fixed Price based on the enclosed Scope of Work. The Contractor shall note that the price quoted by him in the Bill of Quantities (BOQ) shall be considered as the final quote for completing the scope of work defined in this document. Before submission of bid the contractor is advised to visit the site and ensure that his bid encompasses the items required for entire scope of the work. No variation shall be paid to the contractor for the defined scope of work.

10. Commencement: Commencement of the works shall be effected within Fifteen (15) days from the date of issue of Acceptance letter or Letter of Intent or handing over the site, whichever is later. Such 15 days period being defined as the mobilization period.

11. Completion: The Period of Completion for the whole of the works 90 days shall be calculated from the date of commencement of works.

12. Termination of Contract:

Without prejudice to any other remedy under this contract, the Mission may after giving notice of 10 days, terminate the contract in whole or in part, if:

- i) the contractor has seriously or repeatedly breached the contract, including but not limited to:
 - a) failure to complete the work within the time period(s) specified in the contract, or any extension thereof granted;
 - b) failure to obey instructions in relation to his progress or defective work, material or plant;
 - c) failure to supply sufficient and suitable constructional plant, temporary works, labour and material as proposed in the scope of work;
- ii) the contractor has committed fraud;
- iii) the contractor fails to perform any other obligation under the contract within the period specified in the contract or any extension thereof granted;
- iv) If the contract is terminated in whole or in part, the Mission may take following actions against the contractor:

- a) Forfeiture of the performance security;
- b) Forfeiture of the Security Deposit recovered from the payments already made to the contractor.
- c) Any other action mentioned elsewhere in this document.
- d) However, in case of partial termination, the contractor shall continue to fulfill the contract to the extent not terminated.

13. Arbitration:

- 13.1** If any dispute, difference or question at any time arises between the Mission and the Contractor in respect of the agreement signed which cannot be settled mutually or in case of termination, shall be referred to arbitration.
- 13.2** The arbitration proceedings will be conducted in accordance with and be subject to the UNCITRAL (United Nations commission on International Trade Laws) Arbitration Rules, as amended from time to time and the decision of the arbitrators as mentioned above shall be final and binding on the parties.

14. Rejection: Embassy of India, Berlin reserves the right to accept or reject proof of credentials at its sole discretion without having to furnish reasons thereof, to the applicants. Submission of false information/document shall render the bidder ineligible.

15. Sub-contractors: The Tenderer must submit with his offer a list of Sub-Contractors and Specialists names he proposes to use on the Works. Embassy of India, Berlin reserves the right to accept or reject any pre-approved sub-Contractor even after formal award of Contract and/or commencement of work with or without reason. The tenderer shall ensure that all such sub- contractors, if any, adhere to the terms and conditions of this tender and the contract.

16. The successful Tenderer shall be responsible for coordinating his work with various Sub-Contractors and other bid-pack Contractors employed on the Works coordinating his work between various trades, obtaining all the necessary information from sub-Contractors for the purpose of the overall programming of his works; supplying all the normal attendance to all sub-Contractors and assuming the overall responsibility for the aforesaid.

Head of Chancery
Address: Tiergartenstr. 17, 10785, Berlin
Email: hoc.berlin@mea.gov.in

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Section-I

1. INSTRUCTION TO BIDDERS

1.1 The Bidding Documents comprise of:

| | | |
|--------------|---|---|
| Section-I | : | Instruction to bidders |
| Section-II | : | Introduction and Credentials of Bidder |
| Section -III | : | Terms and conditions of Contract |
| Section- IV | : | Scope of work |
| Section- V | : | Schedule of Quantity |
| Section - VI | : | Form of Bid |
| Section- VII | : | Format of Undertaking for adherence to Code of Integrity. |

1.2 Site visit: Physical visit to the site is advisable to acquaint himself with the Site and to understand the scope of Work. The tenderer shall take entire responsibility in the interpretation of the report and of the site conditions. No consideration or compensation will be given for any alleged misunderstanding of the nature of the work to be executed.

1.3 Cost of Tendering – The Embassy of India, Berlin will not be responsible to compensate for any expense or losses which might have been incurred by the Tenderer in the preparation and submittal of his Tender/bid.

1.4 Earnest Money Deposit–

1.4.1 The bidder shall submit an EMD.

1.5 Fixed Price Tender - This is a FIXED PRICE TENDER with extent of Work as indicated in scope of works.

1.5.1 The bidder shall examine the scope of work and other Documents and all Addenda (if any) before submitting his Tender/Bid and shall become fully informed as to the extent, quality, type and character of operations involved in the Works.

1.5.2 Bidders are required to quote fixed prices in the financial bid.

1.5.3 The Fixed Price/amount must be quoted both in figures and in words in the financial bid and the currency must be Euro.

1.5.4 In case of any discrepancy between figures or words, the amount quoted in words shall be taken to be correct for this tender.

1.6 Validity of Bid - The Bid shall remain valid for a period of 180 (One Hundred Eighty) days from the date of the opening of the bid or up to any mutually extended period.

1.7 Tender and Schedule of Quantities

1.7.1 Schedule of Quantities is enclosed in the document. Bidders are requested to identify and quote the rates of individual items.

1.7.2 Bidders shall satisfy themselves of the quantities mentioned in the Schedule of Quantities. These quantities shall be taken as guidance to assess the approximate quantum of work involved in the project.

1.7.3 The bidder, prior to the submission of the tender, shall evaluate and ascertain quantities of the items in Schedule of Quantities as per the scope of the work, and site visit.

1.7.4 It shall be the responsibility of the bidder to satisfy himself of the completeness of the documents for the scope of work and his own assessment of the work after site visit and as per the tentative scope of work mentioned in tender document.

1.7.5 No extra cost shall be entertained and payable if any additional information or detail is provided later for carrying out the works as specified in the tender documents.

1.8 Final Tender Price - Decision on bid will be taken based on the final price quoted in the financial bid. Fixed Price/Total amount as quoted in the financial bid shall be the basis for deciding the tender quote and the L1 bidder.

1.9 Errors and Rectification:

1.9.1 In case of any discrepancy between figures or words, the amount quoted in words shall be taken to be correct for this tender.

1.9.2 Any error in the bid document shall be brought to the notice of the Embassy of India, Berlin. The interpretation of the Embassy in case of any error in the bid document will be communicated to the bidders/contractor, which shall be final and binding on them.

1.9.3 During the evaluation of Price Bids, the tender evaluation committee shall correct arithmetical errors on the following basis:

1.9.3.1 only for unit price Contracts, 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 shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;

1.9.3.2 if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected;

1.9.3.3 if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to 1.9.3.1 and 1.9.3.2 above.

1.9.4 If the Bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its EMD shall be forfeited.

1.10 Submission of bids: Bidders shall submit their bid in a large sealed envelope super-scribed with 'Supply and installation of new CCTV system at Embassy of India, Berlin' which shall have following three sealed envelopes inside:

Envelope A: Should contain the EMD/undertaking. This envelope is to be super-scribed as "**EMD**".

Envelope B: Should contain the documents mentioned in Section-I to Section-IV and Section VII. This envelope should be super-scribed as "**Technical Bid**".

Envelope C: Should contain the documents mentioned in Section-V and Section-VI. This envelope should be super-scribed as "**Financial Bid**".

1.10.1 The last date of submission of sealed bids is 1700 hrs on 29.03.2024 in the office of Head of Chancery, Embassy of India, Berlin.

1.10.2 The date and time for submission may be deferred by an official notification issued by the Embassy of India, Berlin to all Bidders. Tenders received after this date will not be considered.

1.10.3 Any Bid received after date and time of submission will not be considered and will not be opened. Any such unopened Bid will be returned to respective bidder.

1.11 Conditional Acceptance of the Tender - The acceptance of the Tender shall be conditional and not finally binding upon the Embassy of India, Berlin. The Embassy of India, Berlin may withdraw the acceptance of the Tender without any notice or other formality and may enter into a new Agreement for the execution of the Works or any part of it.

1.12 Amendments to Tender Document - At any time prior to the date of opening of the tender, the Embassy of India, Berlin may issue an addendum in the Tender Document, deleting, varying or extending any item of this Tender Document. Any corrigendum/amendments shall be uploaded on the websites mentioned on the pg.1 of the document.

1.13 Clarification: Any further information or clarification which the Tenderer may require in order to complete his bid, may contact Embassy of India, Berlin, email – project2.berlin@mea.gov.in

1.14 All information requested by and supplied to one bidder will be supplied to all bidders.

1.15 Unless it is in formal manner described above, any representation or explanation to the Bidder shall not be considered valid or binding on the Embassy of India, Berlin as to the meaning of anything connected with the Tender Document.

1.16 Disqualification of Tender - Tenderer may be disqualified for any reason including but not limited to the following:

1.16.1 If tenderer sets forth any conditions which are unacceptable to the Embassy of India, Berlin.

1.16.2 If any tender is submitted under a name other than the name of the individual firm, partnership or corporation that was issued the Tender Document.

1.16.3 If there is evidence of collusion between Bidders.

1.16.4 If Tenderer sets forth any offer to conditionally discount, reduce or modify its tender.

1.16.5 If Bid price is disclosed or become known before opening of Financial Bid.

1.17 Compliance with Laws and Regulations and Pricing of Schedule of Quantities -The attention of Bidders is drawn as to compliance with laws and regulations concerning safety and health, labour regulations, social insurance, labour taxes, tax deduction, import restrictions duties and levies, company's tax, input tax and output tax (VAT), etc.. All rates and sum inserted against items of works and in Form of Tender shall be exclusive of Value Added Tax.

1.18 Compliance with Tender Document - Bidder shall be deemed to have read carefully all the Tender Documents, Specifications and drawings, etc. and visited site. The quoted Fixed price are inclusive of all cost and charges and complete in all respect to make

the project functional as per the standard and to the entire satisfaction of the Embassy of India, Berlin

1.19 No escalation of price - Price escalation, in rates due to any reason such as change in foreign currency exchange rate, increase in prices of material, equipment & labour, fuel (petrol, diesel, gas, etc.), transport, electricity & water, levy of new taxes, hike in any tax rate, cess or due to delay in completion, etc. shall not be applicable.

1.20 Payments: - The payment shall be released to the contractor after successful supply and installation of the product at the site and submission of tax invoice, after ensuring desired quality and specifications of the articles. Payments to the supplier will be made within a reasonable period.

1.20.1 All permissible deductions shall be effected during the settlement of Bills.

1.21 Adherence to Code of Integrity: - The prospective bidders/contractor shall submit an undertaking (mentioned in Section-VII) stating that during the process of bidding and during the execution of the resultant contract they shall abide by the code of integrity detailed below and that they understand that not following the above code will render them liable for actions against them as detailed in the code of integrity.

1.21.1 Code of Integrity

The bidders/ contractors (including sub-contractors engaged by them) shall sign a declaration about abiding by the Code of Integrity detailed as under:

1. The bidders, contractors and consultants should observe the highest standard of ethics and should not indulge in the following prohibited practices, either directly or indirectly, at any stage during the procurement process or during execution of resultant contracts:
 - i) **“Corrupt practice”**: making offers, solicitation or acceptance of bribe, rewards or gifts or any material benefit, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process or contract execution;
 - ii) **“Fraudulent practice”**: any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. This includes making false declaration or providing false information for participation in a tender process or to secure a contract or in execution of the contract;
 - iii) **“Anti-competitive practice”**: any collusion, bid rigging or anti-competitive arrangement, or any other practice coming under the purview of The Competition Act, 2002, between two or more bidders, with or without the knowledge of the Embassy of India, Berlin, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels;
 - iv) **“Coercive practice”**: harming or threatening to harm, persons or their property to influence their participation in the procurement process or affect the execution of a contract;
 - v) **“Conflict of interest”**: participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their

personnel have relationships or financial or business transactions with any official of procuring entity who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the procuring entity with an intent to gain unfair advantage in the procurement process or for personal gain; and

- vi) **“Obstructive practice”**: materially impede the procuring entity’s investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/ or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the procuring entity’s rights of audit or access to information;

2. Obligations for Proactive Disclosures

- i) The bidders, contractors and consultants, are obliged to suo-moto proactively declares any conflicts of interest (coming under the definition mentioned above – pre-existing or as and as soon as these arise at any stage) in any procurement process or execution of contract. Failure to do so would amount to violation of this code of integrity; and
- ii) Any bidder must declare, whether asked or not in a bid document, any previous transgressions of such a code of integrity with any entity in any country during the last three years or of being debarred by any other procuring entity. Failure to do so would amount to violation of this code of integrity;
- iii) Such declarations would not mean automatic disqualification for the bidder making such declarations. The declared conflict of interest will be evaluated and mitigation steps, if possible, shall be taken by the Embassy of India, Berlin

3. Punitive Provisions

Without prejudice to and in addition to the rights of the Embassy of India, Berlin to other penal provisions as per the bid documents or contract, if the Embassy of India, Berlin comes to a conclusion that a (prospective) bidder/ contractor directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the Embassy of India, Berlin may take appropriate measures including one or more of the following:

i) **If the bids are under consideration in any procurement:**

- a) Forfeiture or encashment of bid security;
- b) calling off of any pre-contract negotiations; and
- c) rejection and exclusion of the bidder from the procurement process.

ii) **If a contract has already been awarded:**

- a) Cancellation of the relevant contract and recovery of compensation for loss incurred by the procuring entity;
- b) Forfeiture or encashment of any other security or bond relating to the procurement;

c) Recovery of payments including advance payments, if any, made by the procuring entity along with interest thereon at the prevailing rate.

iii) Provisions in addition to above:

- a) Removal from the list of enlisted contractors and banning/ debarment of the bidder from participation in future procurements of the procuring entity for a period not less than one year;
- b) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

1.22 Embassy of India, Berlin's right to waive

The Embassy of India, Berlin reserves the right to waive any deficiency in any tender where such waiver is in the interest of the Embassy of India, Berlin except that no proposal will be accepted if the Bid Securing Declaration or/any of the preceding statutory documents was not submitted with the tender.

Section-II

2 Introduction and Credentials of Bidder

(To be submitted by the bidder)

Note: This shall be submitted by the bidder. This should be a brief introduction, background, company details, credentials, VAT & other registration and past performance of the bidder. They may attach any other documents such as company profile, company brochures, achievement of the company etc.

Section-III

3 Terms and Conditions of Contract

3.1 Quoted price is final fixed price inclusive of all taxes/duties except VAT. Item/quantity indicated in the scope of work/schedule of quantity is tentative and some variation during execution may take place. Nothing extra is payable for such variation.

3.2 Quoted price shall be exclusive of VAT. The quoted price should include lump sum charges for Labour/transportation and civil/electric works required/ necessary, if any, for complete installation.

3.2.1 Period of completion for the work is 90 Days.

3.2.2 If a firm quotes NIL charges/ consideration, the bid shall be treated as unresponsive and will not be considered.

3.3 Liquidated damages shall be levied on Contractor for delay in completion if it is ascertained that contractor is responsible for delay. The rate of liquidated damages shall be calculated @ 0.5% per week limited to maximum of 10% of the Tendered Cost or actual cost of the project. This shall be computed on per week basis.

3.4 The tenderer shall guarantee among other things, the following:-

- a. Quality, strength and performance of the materials used;
- b. Follow up service, if required.;
- c. Good workmanship.

3.5 For the aforesaid work all the prospective bidders that the items of the schedule of quantity if required to be imported from India, its Custom duty free import shall be facilitated by the Embassy, on submission of requisite documents (Master list) by the Contractor.

3.6 Commencement date of work shall be counted from the 15 days of Issue of Letter of Acceptance of Letter of Award or from the date of handing over of site whichever is later.

3.7 Payments: - The payment shall be released to the contractor after successful supply and installation of the product at the site and submission of tax invoice, after ensuring desired quality and specifications of the articles. Payments to the supplier will be made within a reasonable period through cross cheque.

3.7.1 All permissible deductions shall be effected during the settlement of Bills.

3.8 No escalation on rates due to delay in works shall be admissible.

3.9 Specification: The item of work/material used in the work shall be complying with the specifications mentioned in Section IV "Scope of Work". The material used/or workmanship should be of equivalent or higher standard than the existing standard.

3.10 Non-completion of work: In case of non-completion of work within stipulated time or within approved extended time, the Embassy of India shall be at liberty to confiscate the retention money, performance guarantee and any other dues of the Contractor.

3.11 Force Majeure and EoT clause: In the event of force majeure i.e. unforeseeable events such as war, floods, earthquake etc beyond the reasonable control of the Parties to the contract which prevent either party from meeting their obligations under this contract, the contractual obligations as far as affected by such event shall be suspended for as long as the force majeure continues provided that the other party is notified within two weeks after occurrence of the force majeure. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder. In the event of force majeure either party shall be entitled to prolongation of this Contract equal to the delay caused by such force majeure without any additional payment.

3.12 On completion of work, Contractor shall submit all equipment manuals, guarantee cards, specifications etc. The Final Bill of work shall be paid only on completion of work and depositing all documents as above.

3.13 Validity of the Contract: This Contract shall become effective and valid from the execution date of signing of the Contract by both the parties. The contract shall remain valid till the successful completion of the work including the liabilities under DLP.

3.14 Additional Work: Embassy of India, Berlin shall not allow any claims for additional work performed by contractor unless the additional work is authorized by Embassy of India, Berlin in writing prior to the performance of the additional work or the incurrance of additional expenses. Any additional work authorized by Embassy of India, Berlin shall be compensated at a rate mutually agreed to by the parties. All types of work required to be carried out for fulfilling the obligation of the contract as per the scope of work shall not amount to any additional work.

Section-IV

4 Scope of Work

Supply, Installation, testing and commissioning of **new CCTV system** as per general conditions and technical specifications mentioned in **Annexure (II)** (below):

Normal terms & conditions:

4.1. The successful tenderer should furnish well in advance three copies of detailed instructions and manuals of manufacturers for CCTV cameras and accessories regarding installation, adjustments operation and maintenance including preventive maintenance & trouble shooting together with all relevant data sheets, spare parts catalogue etc. all in triplicate for the approval of competent authority. The agency shall procure the equipment only on approval of the competent authority of Embassy of India, Berlin.

4.2. Inspection and Testing

The CCTV system shall be offered for initial inspection at manufacturer's works. The contractor will intimate the date of testing of equipment at the manufacturer's works before dispatch. The Successful tenderer shall give advance notice of minimum two weeks regarding the dates proposed for such tests to the Mission's representative to facilitate his presence during testing. Equipment will be inspected at the manufacturer/Authorised dealer's premises, before dispatch to the site by the contractor if so desired by the Mission.

Copies of all documents of routine and type test certificates of the equipment, carried out at the manufacturers premises shall be furnished to the Mission.

After completion of the work in all respects the contractor shall offer the installation for testing and operation.

4.3. COMPLIANCE WITH REGULATIONS AND APPLICABLE STANDARDS

All works shall be carried out in accordance with the relevant regulation, both statutory and those specified by the Applicable Standards related to the works under this tender, for execution within the Mission premises.

4.4. Indemnity:

The Successful tenderer shall at all times indemnify the Mission consequent on this works contract. The successful tenderer shall be liable, in accordance with the Law and Regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipment and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The Successful tenderer shall also provide all insurance including third party insurance as may be necessary

to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

4.5. Installation Tools:

No tools and tackles either for unloading or for shifting the equipment for installation purposes would be made available by the Mission. The successful tenderer shall make own arrangement for all these facilities.

4.6. Insurance and Storage: All consignments are to be duly insured up to the destination from warehouse/manufacturing unit at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.

4.7. Verification of Correctness of Equipment at destination: The contractor shall have to produce all the relevant records to certify that the genuine equipment from the manufacturers has been supplied and installed.

4.8. Interpreting Specifications: In interpreting the specifications, the following order of decreasing importance shall be followed in case of contradictions:

- (a) Schedule of quantities
- (b) Technical specifications and additional conditions
- (c) Drawing (if any)
- (d) Relevant BIS or other international code in case BIS code is not available.

4.9 The test of the unit shall be demonstrated after successful completion of the work. The units shall be put under trial run for 15 days and the performance shall be monitored. Any abnormalities shall be attended and again the trial run shall be carried out by the agency. The units shall be taken over and work is declared completed only after the successful completion of trial run of the system.

4.11 Scope of work for the warranty period

a. The contractor shall be responsible for maintenance of all equipment's mentioned in Schedule with a view to provide uninterrupted service of the CCTV System and attending to major and minor breakdowns post failure repairs and modifications if any, required for the CCTV system.

b. The CCTV system installed at Embassy residence premises will be monitored round the clock by Control Room staff in Embassy residence. The contractor shall depute only competent and efficient staff to attend the breakdowns (as and when required/ call basis) to ensure the trouble-free working of CCTV system during warranty period.

c. The warranty period shall also include the trouble shooting of any network issues arising in the CCTV network.

d. The service personnel deputed by the contractor shall be well qualified and having enough knowledge in the field of Wireless networking and CCTV System.

e. Contractor shall provide ID Cards to their engineers and staff authorized to attend the work so as to facilitate verification by representative of Security Staff. Communication handed over to the contractor's personnel at site/ office by CCTV control room in-charge shall deem to have reached their office.

f. The representative of the contractor shall report (as and when required/ call basis) to in-charge of CCTV control room to carry out all necessary inspections/ tests of the system. Rectification of any defects during inspection shall be endorsed in the maintenance register available with In-Charge of CCTV Control Room.

g. At the end of each major break down repair, contractor's Engineer should prepare a service report and submit the same to the In-Charge Control Room.

h. All the tools and testing instruments required shall be arranged by the contractor.

i. The components of the equipment will be the whole responsibility of contractor for procurement and replacement as and when required during the warranty period.

j. Breakdown call shall be attended with a time frame after getting the message by phone or fax /email. If the repair is major contractor shall provide standby equipment at contractor cost.

k. Trained and supervisory control staff shall be permitted to minor urgent changes if required for which suitable log will be maintained by control room staff.

l. The contractors shall ensure that the full configuration of the equipment is in proper working condition, after repair and maintenance.

m. All minor repairs/services should be made only at Embassy residence premises. As far as possible no equipment will be sent to the contractor's premises for any repair. If at all, it is found necessary to take the equipment to the contractor' premises, the configuration of the equipment in details must be got noted before it is sent out. The items will be taken out only with proper documentation such as materials gate passes and with proper acknowledgements. All endeavors will be made by the contractor to return such items taken out for servicing within a reasonable period of one week. Stand by equipment similar to the equipment under service to be provided before taking it out on material gate pass, till the original component is replaced. The contractor is required to record all such issues, returns / replacements of equipment promptly.

n. Complete hardware and software support to be extended by the contractor. Carrying any software changes if required without additional charges with the consent of In-Charge Control Room.

o. The Contractor shall ensure that the equipment is in good working condition and is with full configuration while handing over at the end of the contract period. In case of odd hour's failures and emergencies even on holidays and Sunday normal service is to be rendered by the contractor.

p. During the warranty period, the contractor shall be responsible for all maintenance activities at no additional cost. This includes but is not limited to, repairs, replacements, and servicing necessary to ensure the optimal functioning of the CCTV system. Any expenses incurred during warranty period, including parts, labor, and associated fees, shall be borne solely by the contractor.

Section-V

5 Schedule of Quantity

The rates must be mentioned as per the BOQ proforma attached at Appendix III and Appendix IV.

Note: Please refer to Section-I of the document

5.1 Schedule of Quantities should be enclosed by Bidders. Bidders are requested to identify and quote the rates of individual items. Irrespective of the details of item mentioned in the Schedule of Quantities, the bidder shall read the scope of work comprehensively and shall consider every component required for execution of the scope as inclusive in these items.

5.2 The bidder, prior to the submission of the tender, shall ascertain the items in Schedule of Quantities as per the scope of the work, and site visit.

5.3 It shall be the responsibility of the bidder to satisfy himself of the completeness of the documents for the scope of work and his own assessment of the work after site visit and as per the scope of work mentioned in tender document.

5.4 No extra cost shall be entertained and payable if any additional information or detail is provided later for carrying out the works as specified in the tender documents.

5.5. If a firm quotes NIL charges/ consideration, the bid shall be treated as unresponsive and will not be considered.

Section-VI

6 Form of Tender

(To be submitted by the bidder)

TO: Head of Chancery,
Embassy of India, Berlin

We have examined tender conditions for the above-named work and have inspected the site and general conditions under which the Works are to be carried out. We offer to execute and complete the Works and remedy any defects therein, in conformity with this Tender, for the fixed price quoted in the template for schedule of quantity, exclusive of VAT.

If this offer is accepted, we will commence the Works as soon as is practicable and complete the Works in accordance with the above-named documents within the time for Completion.

We understand that you are not bound to accept the lowest or any tender you may receive.

Signature:

Name:

In the capacity of -----

Duly authorized to sign tenders for and on behalf of

Address:

Date:

Section-VII

Undertaking for code of Integrity

I hereby declare that I have received the Code of Integrity as detailed in tender document. It is my sole duty and responsibility to read and understand the Code, which is an integral part of my Terms and Conditions of Agreement. I shall conduct myself with complete integrity in the execution of my work. I undertake that I will abide by the Code. If for any reason(s) I do not comply with any of the requirements of the Code, I shall not cite ignorance or lack of understanding as my self-defence. I further agree that the Embassy of India, Berlin has the absolute right to take action due to any violation of the Code. I fully understand that the Embassy of India, Berlin has the absolute right to add, amend, review or delete any of the contents of the Code as and when necessary and that I shall also be liable to such additions, amendments, revisions and/or deletions.

.....

Signature

.....

Name of Agency/Firm (please print in capital letters)

.....

Office Address

.....

Contact No.

.....

Email id

.....

Date

Embassy of India
Berlin

**TENDER FOR SUPPLY AND INSTALLATION OF NEW CCTV SYSTEM AT EMBASSY
RESIDENCE, BERLIN**

(This may be submitted by the bidder in lieu of the document at Appendix-I, Annexure-B)

Bids Securing Declaration

I/we accept that if I/we withdraw or modify Bids during the period of validity or if I/we are awarded the contract and I/we fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, I/we will be suspended for the period of time specified in the request for bid document from being eligible to submit Bids for contracts with the Government of India.

Date:
Name:

Place:
Signature:

Bank Guarantee Proforma for Performance Security

Bank Guarantee No.....

Brief description of contract: **Supply and installation of new CCTV system at Embassy Residence, Berlin**

Name and Address of Beneficiary: Embassy of India, Berlin

Date:

Whereas M/s (Name of Contractor with address) have submitted their tender for : **Supply and installation of new CCTV system, at Embassy Residence, Berlin**, and one of the tender conditions is for the M/s (Name of Contractor with address)_____ to submit a Bank Guarantee for Performance Security (3% of contract value) amounting to **(To be indicated in Euro and calculated as 3% of the tendered cost)**. In fulfilment of the tender conditions, we, (Name of Bank with address) _____ hereby irrevocably and unconditionally undertake to pay to you upon receipt of your first written demand, without any demur whatsoever and without seeking any reasons, whatsoever, the agreed amount of **(To be indicated in Euro and calculated as 3% of the tendered cost)**

2. This guarantee is valid for a period of **60 Days after the warranty period is over** and any claim and statement hereunder must be received at the above mentioned office before expiry. After expiry, this guarantee shall become null and void whether returned to us for cancellation or not and any claim or statement received after expiry shall be ineffective.

3. Notwithstanding anything to the contrary contained hereinabove, the maximum liability under this guarantee is restricted to **(To be indicated in Euro and calculated as 3% of the tendered cost)**

4. Notwithstanding anything to the contrary contained hereinabove, this guarantee is valid from **(date of issue)** _____ up to the **(date should be two months after the date of expiry of warranty period)** _____ and claims under this guarantee should be submitted not later than **(from date of expiry)**_____.

5. This guarantee may not, without our prior written consent, be transferred or assigned and this guarantee is limited to the payment of a sum of money.

6. This guarantee shall be governed and construed in accordance with the laws of the **India** and is governed by the United Rule for Demand Guarantee(URDG) (ICC Publication No.758) and shall be subject to exclusive Jurisdiction of the India Courts.

Date:

Place:

Name:

Signature:

Undertaking for non-disclosure and security clearance

I, the contractor/vendor, hereby undertake that any information/data which may come to the knowledge and/or possession of the company or any of the personnel of the company including those deployed with the customer, for execution of the Contract, shall not be disclosed under any circumstances;

2. I, the contractor/vendor, hereby undertake to furnish full details, as may be required, of all personnel deployed for the execution of contract to the Embassy of India, Berlin, to facilitate background checks. I further undertake to immediately intimate the 'The Customer' of any information that may come to the knowledge of 'The Contractor', which may have a security implication.

For Contractor:

Signature:

Name:

Designation:

Seal of the company

Signed on

**Appendix II
Annexure A**

4 MP Fixed Bullet Camera for viewing distance upto 40 meters

| S No | Parameter | Specification | Compliance and Specification |
|------|-----------------------|--|------------------------------|
| 1 | Image Sensor | 1/3" Progressive CMOS or better | |
| 2 | Day/ Night Operation | Automatic switch | |
| 3 | Minimum Illumination | Colour : 0.2lux BW: 0.05lux or better | |
| 4 | Image Resolution | 4 Mega Pixel or better | |
| 5 | Video Compression | H.264 / H.265 | |
| 6 | Frame Rate | 25 fps or better | |
| 7 | Stream | Dual or Above | |
| 8 | Motion Detection | Built in or IP integrated | |
| 9 | Wide Dynamic Range | 120 dB or better | |
| 10 | IR | 20 Mts or better | |
| 11 | Interface | RJ45 10BASE-T/100BASE-TX PoE | |
| 12 | Protocols | IPv4, IPv6, HTTP, HTTPS, SSL/TLS, DHCPv4/v6 and additional | |
| 13 | Security | User Authentication, IP Filtering and user access log | |
| 14 | Event Trigger | Motion detection and tamper detection | |
| 15 | Operating Temperature | Location specific | |
| 16 | Operating Humidity | Location specific | |
| 17 | Onvif | Should be compliant | |
| 18 | NDAA Complaint | The proposed camera should be NDAA Compliant | |
| 19 | Warranty | 5 Years OEM warranty or better | |

**Appendix II
Annexure D**

PTZ Camera

| S No | Parameter | Specification | Compliance and Specification |
|-------------|-------------------------|---|-------------------------------------|
| 1 | Image Sensor | 1/2.8" Progressive Scan CMOS or better | |
| 2 | Day/ Night Operation | Automatic with IR Cut Filter | |
| 3 | Minimum Illumination | Colour: 0.07 Lux B/W": 0.01or better | |
| 4 | Optical Zoom | 30Minimum &12x Digital Zoom, or better | |
| 5 | Lens | 5-120mm or better | |
| 6 | Image Resolution | 1920x 1080 or better | |
| 7 | Compression | H.265,H.264 | |
| 8 | Frame Rate and Bit Rate | Full HD 1080p 30 fps or better | |
| 9 | Motion Detection | Built in or IP integrated | |
| 10 | Electronic Shutter | 1/10000 s to 1s or better | |
| 11 | Wide Dynamic Range | 120 dB or Better | |
| 12 | Image Freeze on PTZ | Required | |
| 13 | Event Triggers | Motion Detection and Tamper Detection | |
| 14 | Preset Positions | 100 or better | |
| 15 | Protocols | IPv4, IPv6, HTTP, HTTPS, SSL/TLS, DHCPv4/v6 and additional | |
| 16 | Security | User Authentication, IP Filtering and user access log | |
| 17 | Logs | The camera shall provide logs of latest connections, access attempts, users connected, changes in the cameras etc | |
| 18 | Interface | RJ 45, 100 Base TX | |
| 19 | Enclosure | IP66- and NEMA 4X-rate | |
| 20 | Operating Temperature | Location specific | |
| 21 | Operating Humidity | Location specific | |
| 22 | NDAA Complaint | The proposed camera should be NDAA Compliant | |
| 24 | Onvif | Compliant | |
| 25 | Warranty | 5 Years OEM warranty | |

Appendix II
Annexure F

SFP POE Switch

| S No | Description | Specification | | | Compliance |
|------|-----------------------|---|------------------|---|------------|
| | | 1 | PoE Port | 8*10/100/1000 port support IEEE802.3 af/at | |
| 2 | Switch capacity | 5 Gbps or better | 7 Gbps or better | 8 Gbps or better | |
| 3 | Transmission Distance | 100 - 150m | | | |
| 4 | Protocol standards | IEEE802.3 af/IEEE802.3 at | | | |
| 5 | PoE Type | End-span | | | |
| 6 | Network standard | IEEE 802.3, IEEE 02.3u, 802.3x, 802.3af/at | | | |
| 7 | Network Medium | 10/100/1000 mbps 5 class and above non shielded twisted pair | | | |
| 8 | SFP Port | Yes | | | |
| 9 | Forwarding Rate | 100 Mbps :14880pps/1000Mbps:1480pps | | | |
| 10 | MAC address | MAC Address table 8K | | | |
| 11 | Port function | Power priority mechanism, fast and forward, MAC IEEE802.3X Full-duplex and mode and backpressure for half -duplex mode. | | | |
| 12 | Indicators | Each port occupied 1 Link/Act 100 Mbps POE status Indicator, Whole power indicator. | | | |
| 13 | Working Temperature | Location specific. Location with sub zero temperature should use Industrial grade switches. | | | |

Note:-The Intellectual Property Rights for the switches should not be with a company from a country which share land border with India. Non compliance would need prior approval.

**Appendix II
Annexure G**

Server for minimum 45 days back up

| S No | Description | Specification | | | | Compliance |
|------|-----------------------|--|---|---|---|------------|
| | | 16 Cameras | 32 Cameras | 64 Cameras | 100 Cameras | |
| 1 | CPU | 64-bit high performance, Minimum one Processor of 8 Core or higher Intel/AMD CPU operating at 2.1 GHz or more with a minimum of 11 MB L3 cache or higher | 64-bit high performance, Minimum Two Processor of 8 Core each or higher Intel/AMD CPU operating at 2.1 GHz or more with a minimum of 11 MB L3 cache or higher | 64-bit high performance, Minimum Two Processor of 8 Core each or higher Intel/AMD CPU operating at 2.1 GHz or more with a minimum of 11 MB L3 cache or higher | 64-bit high performance, Minimum Two Processor of 16Core each or higher Intel/AMD CPU operating at 2.1 GHz or more with a minimum of 11 MB L3 cache or higher | |
| 2 | Memory | 32GB DDR RAM Upgradable to 512GB | 64 GB DDR RAM Upgradable to 1 TB | 64 GB DDR RAM Upgradable to 1 TB | 256GB DDR RAM Upgradable to 1 TB | |
| 3 | Hard Drive | SAS 10k rpm or higher hot swappable Hard disk in raid 5 or 6 configuration having usable space of 45TB or more | SAS 10k rpm or higher hot swappable Hard disk in raid 5 or 6 configuration having usable space of 75 TB or more | SAS 10k rpm or higher hot swappable Hard disk in raid 5 or 6 configuration having usable space of 125 TB or more | SAS 10k rpm or higher hot swappable Hard disk in raid 5 or 6 configuration having usable space of 180 TB or more | |
| 4 | Recording Server | Rack Mountable | | | | |
| 5 | Fans | Normal with Redundant FANS. | | | | |
| 6 | Network Adapter (NIC) | Dual 10/100/1000 Mbps ports. | | | | |
| 7 | Keyboard | USB Keyboard | | | | |
| 8 | Mouse | Optical Mouse with scroll | | | | |
| 9 | Operating System | Licensed MS Windows Server or Linux (Latest version) | | | | |
| 10 | Anti-Virus Software | Compatible with Windows/ Linux with offline update provision. | | | | |

Note:-The Intellectual Property Rights for the server should not be with a company from a country which share land border with India. Non compliance would need prior approval.

**Appendix II
Annexure H**

VMS

| Sno | Specification | Compliance |
|-----|--|------------|
| 1 | The software should have inbuilt facility to store configuration of cameras. | |
| 2 | The software shall Support flexible 1/4/9/16/25 user defined Windows Split screen display mode or scroll mode on the PC/Workstation monitor or on preview monitor as per site requirement. | |
| 3 | The software shall be able to control all cameras features such as PTZ control, auto/manual focus, and color balance of camera, Selection of presets, Video tour selection etc. | |
| 4 | The software is required to generate reports of stored device configuration. The control software is required to provide alarm and alarm log. The log shall be able to be archived, printed and displayed using a device filter, a device group filter and/or a time window. | |
| 5 | The software shall have user access authority configurable on per device or per device group basis. The authorized user shall have the facility to request the access of any camera and can control the camera for a reservation period. Control of camera is released after the reservation period. | |
| 6 | The system software shall provide User activity log (audit trail)with user id, time stamp, and action performed, etc. | |
| 7 | The administrator shall be able to add, edit & delete users with rights. It shall be possible to view ability/ rights of each user or the cameras which can be viewed &controlled as per the permission assigned by the administrator. | |
| 8 | The system software should provide Analytic features such as Intrusion, Motion detection and Security device Alarm etc as per site requirement. | |
| 9 | The system software shall have recording modes viz. continuous, manual, or programmed modes on date, time and camera-wise. All modes shall be disabled and enabled using scheduled configuration. It shall also be possible to search and replay the recorded images on date, time | |

| | | |
|---|--|--|
| | and camera wise. It shall provide onscreen controls for remote operation of | |
| 10 | PTZ cameras. It shall have the facility for scheduled recording. Different recording speeds (fps) and resolution for each recording mode for each camera shall be possible. | |
| 11 | It shall provide programmable motion detection and recording, to be defined, area -wise. | |
| 12 | The settings shall be individually configurable for each alarm and each camera, pre -record duration. This shall allow the Camera Server to capture video prior to the alarm/event, as well as after the alarm/ event. Shall be selectable from a list of values ranging between 0 seconds and 5 minutes. | |
| 13 | Data storage should be at a secure location, with strictly controlled access. The Capacity of storage should be for the period of continuous 45days or more. For every 30disks one spare disk needs to be configured over and above required capacity. The storage system should follow FIFO on recording. | |
| 14 | The software shall support a built -in Hardware or Software Watchdog module. Watchdog shall monitor operation of all services and automatically restart them if they are malfunctioning. | |
| 15 | The software should be able to receive alarm signal of the camera and should be able to send relay out signal through the camera. | |
| 16 | The software should provide a reporting utility for tracking but not limited to the following options. Video and images shall be stored with reports for documenting events. | |
| Alarms, Incidents, Operator logs, Service requests | | |
| 17 | It shall be possible to get reports on past events by querying the audit databases. It shall allow the search by User Logon, Entity Configuration, Incident, Alarm, Application Failure, and Equipment Failure. | |
| 18 | It shall allow passage of specific alarms to specified users rather than sending all alarms to every user | |
| User Facilities Covered In Application Software | | |
| 19 | The client shall perform the following applications simultaneously without interfering with any of the Archive Server operations (Recording, Alarms, etc.): | |

| | | |
|----|---|--|
| | <ul style="list-style-type: none"> a. Live display of cameras b. Control of PTZ cameras c. Playback of archived video d. Retrieval of archived video e. Instant Replay of live video f. Configuration of system settings | |
| 20 | The user applications shall provide an authentication mechanism, which verifies the validity of the user. | |
| 21 | The user shall be able to define bookmarks, the amount of time he wishes to go back from a predefined list or through a custom setup period. | |
| 22 | The user shall be allowed to add bookmarks to recorded clips of video. | |
| 23 | <p>The user shall be able to choose and trigger an action from a list of available actions included but are not limited to:</p> <ul style="list-style-type: none"> i. View camera in a video tile ii. View Map or procedure in video tile iii. Starting/ stopping PTZ pattern iv. Go to PTZ preset v. Sending alert messages | |
| 24 | The user shall be capable to display all camera sequences created in the system. | |
| 25 | The user shall be allowed for unlimited cameras sequences, which can be run independently of each other on either of the monitor tiles. | |
| 26 | The user shall be able to drag and drop a camera from a tree of available cameras into any video tile for live viewing. | |
| 27 | Support digital zoom on a fixed/ PTZ camera's live and recorded video streams. | |
| 28 | The user shall be allowed to access the PTZ configuration with no need of additional hardware. | |

**Appendix II
Annexure I**

Work Station

| 1 | TECHNICAL SPECIFICATIONS: | Compliance |
|----|---|-------------------|
| 2 | Core i9 Processor 3.0GHz or better. | |
| 3 | Memory: 32 GB DDR RAM or better. | |
| 4 | Form factor : Tower | |
| 5 | Hard Drives: 450 GB SSD and 2 TB SATA or better. | |
| 6 | Graphic Card : 2 x 4Gb Graphics card with HDMI Port | |
| 7 | Network Adapter (NIC): Dual Integrated 10/100/1000 Mbps ports. | |
| 8 | Keyboard: USB Keyboard | |
| 9 | Mouse: Optical Mouse with scroll | |
| 10 | Operating System: Licensed M S windows/ Linux | |
| 11 | Anti-Virus Software compatible with Windows/ Linux with offline update provision. | |

CCTV Passive items(as per actuals)

| S No | NETWORKING, CABLING, ETC. | Compliance |
|------|--|------------|
| 1 | CABLES | |
| | a General Features: | |
| i | All cables used for the project shall be supplied as under: a) ISO certified reputed cable manufacturer. b) Ensure high bandwidth, low attenuation and low losses in signal quality. | |
| ii | Backbone Network up to Switches (L3 Switches to L2 Switches): OFC | |
| iii | From Switches to each node (L2 Switch to Servers, Workstation, Cameras, Displays etc.): UTP Cat 6 | |
| iv | Laying of cable inside the building shall be in conduit and for outdoor a. Through HDPE pipe in sift soil. b. In concrete /read cutting area ,it shall be laid in GI pipe | |
| v | Cable and spools shall be of flame retardant type. | |
| vi | | |
| | b Optical Fibre Cable | |
| i | Optic Fibre 6 core, SMF, 9/125 micron, 1000 Mbps | |
| ii | Core Diameter @ 1310 nm : 9±0.6 micro meter Cladding Diameter : 125±1.0 micro meter | |
| iii | Max. Attenuation (Cables with fibres) At 1310 nm : 0.36 dB/km at 1550 nm : 0.25 dB/km | |
| iv | Secondary Buffer Material : Gel filled Loose Tube | |
| v | Min. Bend Radius : 20x Outer Diameter | |
| vi | Fibre Core: Should be Silica Glass or equivalent | |
| | c CAT6 UTP cable | |
| i | Suitable for high speed data applications, Gigabit Ethernet. | |
| ii | 4 pairs, easily identifiable colour -striped Outlet. | |
| iii | Termination of 4 pair balanced twisted pair copper cable. | |
| iv | Shall be wired straight through. | |
| v | Rear protective strain relief cap. | |
| 2 | PATCH CORDS | |
| a | Push &pull design with latch. | |
| b | Shall be wired straight through. | |

| | | |
|----------|---|--|
| c | Bend relief compliant boots to ensure proper CAT6 performance. | |
| 3 | OFC PATCH CORDS | |
| | Suitable for single mode SC type fiber cable connectors with plastic moulded plug type connectors. Standard ceramic ferrules. | |
| 4 | OFC CONNECTORS | |
| | Single mode SC/LC type with push-pull mechanism, fully in compliance, with latest industry standards. | |
| 5 | OFC ADAPTORS | |
| | Suitable for single mode SC/LC type fiber cable connectors which shall be fully in compliance with latest industrial standard. It shall be with snap/latch mechanism. | |
| 6 | Light Guide Interconnect Unit(LIU) | |
| | Rack Mount Type LIU fully populated with required modules, connectors, etc. Shall be supplied and installed as required. | |
| 7 | 9U WALL MOUNT RACK | |
| a | Portable 9U WALL Mount Rack having front Transparent Toughened glass door. The Rear door material shall be CRCA Steel. | |
| b | It should consist of secure locks, keyboard tray sliding & rotary, shelf For CRT/TFT Display, Support cable entry from top or bottom, vertical & horizontal managers, fan for heat dissipation, dust or water resistant and PDU power strips. | |
| c | Minimum 60 Kgs Load Bearing capacity. | |
| 8 | OUTDOOR JUNCTION BOX | |
| a | Protection Class: IP -55 | |
| b | Size: Junction Box must be of appropriate size to house different components as per CCTV system design confirming to tender specifications | |
| c | Power & Earthing: The junction box shall be provided with external earthing lugs 5 socket Power termination with MCB or More | |
| 9 | Poles | |
| a | GI Poles | |
| b | Erection: Proper sturdy fixing, including civil/groundwork. | |

Appendix III

Bill of Quantity(BoQ)

| S No | Equipment | Specification | Number |
|------|--|---|---|
| 1 | Bullet Cameras | As per Annexure A | 14 |
| 2 | 2 MP Dome Camera | As per Annexure B | - |
| 3 | 4 MP Dome Camera | As per Annexure C | - |
| 4 | PTZ Camera | As per Annexure D | 1 |
| 5 | Omni-directional Camera | As per Annexure E | - |
| 6 | Switches- 8 port, 16 port and 24 port | As per Annexure F | As per actuals |
| 7 | Server | As per Annexure G | One |
| 8 | VMS- for 16 Channel, 32 Channel, 64 Channel and 100 Channel servers. | As per Annexure H | One for <u>16/32/64/100</u> cameras (Strike out ones not required) |
| 9 | Work Station | As per Annexure I | <i>As per Actual</i> |
| 10 | Passive Items | As per Annexure J | As per actuals |
| 11 | Display | 42" LED display caters to 16 camera feeds. May also select Plasma displays for viewing 4K feeds | 1 |
| 12 | UPS | As per power requirement. | As per actuals |

Appendix-IV

PROFORMA TO BE FILLED UP AND SUBMITTED FOR THE FINANCIAL BID

| | | |
|----|---|--|
| 1. | Name of the Bidder Agency/Company. | |
| 2. | Address of the Bidder Agency/Company. | |
| 3. | Contact details of the Bidding Agency/Company. | |
| 4. | Name of the Proprietor/Partners/Directors. of the Agency/Company. | |
| 5. | Registration and incorporation particulars of the Agency/Company. | |

| Description | Amount excluding VAT (in Euro) |
|---|---------------------------------------|
| Charges for procurement of equipments and Installation of CCTV system as per the Appendix III | |
| Additional Charges, if Any | |
| VAT | |
| Total amount (including VAT) - | |

Declaration

I hereby certify that the information furnished above is full and correct to the best of my knowledge.

(Signature of the authorized signatory)

Dated _____ Name and address of the Agency/Company

Seal of the firm

**SUPPLY AND INSTALLATION OF NEW CCTV SYSTEM AT
EMBASSY RESIDENCE, BERLIN**

This agreement is made on, 2024 entered into between the President of India represented by the Embassy of India, Berlin (hereinafter called '**the Employer**') and "M/s", (hereinafter called '**the Contractor**').

This contract is being signed for supply, installation, testing and commissioning of new CCTV system as per scope of work contained in Section-IV of the tender document

THEREFORE, the Employer and the Contractor agree to the following terms and conditions:

1. The Contractor will start the work with immediate effect upon signing of agreement and shall complete it satisfactorily in 90 days.
2. The Product warranty as well as Service warranty shall be for at least 02 years after satisfactory completion of work. The product warranty and service warranty shall be co-terminus. Any defect arising during the warranty period shall be rectified by the contractor without any cost.
3. The contract shall be in force till the end of warranty period from the date of signing of this agreement.
4. The rates mentioned in the financial bid (.....) submitted by the Contractor shall be final and nothing extra, whatsoever, will be paid.
5. The Contractor shall not sub-let the contract or any part thereof for execution of any portion of work without the written consent of the Employer. The contractor shall ensure that all such sub- contractors, if any, adhere to the terms and conditions of this tender and the contract.
6. Extension of contract can take place based on genuine hindrances after mutual discussion and consent.
7. The Contractor shall carry out the work as per the **Scope of Work** and abide by clauses mentioned in **Terms and Conditions** (refer to tender documents).
8. The workers engaged by the Contractor will be the employees of the Contractor and the Employer will not, in any way, be responsible for any liability/compensation on account of accident, injury or death of workers while performing their work inside the Embassy premises. The contractor shall indemnify the Employer against any claim with regard to violation of any labour laws and claims thereof by any third party/ parties.

9. Payment:

Payment for the work will be done as per the quoted rate, and shall be made only after completion of satisfactory work.

10. The Performance Guarantee (3% of Contract value) submitted by the Contractor prior to signing of the agreement shall only be returned post warranty period. The Performance Guarantee shall stand forfeited upon untimely termination of contract (i.e.

before completion of work) or for non-satisfactory performance of the work or for breach of any terms and conditions of this contract or the tender document.

11. Termination of Contract:

The Employer has the right to terminate this contract. It will be terminated immediately following a formal notice issued to the Contractor upon violation of any of the clauses stated above or elsewhere in the tender document.

12. The disputes and difference arising out of or in connection with the condition of contract, quantities, rates, etc., shall be resolved in accordance with the arbitration clause contained in the tender document.

13. The Contractor shall not be liable for any delay or failure to perform of any of its obligations under or arising out of this contract, if the failure or delay results from any of the following:

Act of God, refusal of permissions or other Government Act and the like which renders it impossible or impracticable for the Contractor to fulfill its obligations under the contract or any other cause/circumstances of whatsoever nature beyond the Contractor's control.

The tender documents including corrigendum issued and bids submitted by contractor are integral part of the contract and shall binding on the Contractor.

IN WITNESS WHEREOF, the parties hereto have hereunder set their respective hands and seals on the day, month and year referred to above.

Authorized Signatory of **the Employer** with official stamp:

(Signature)

Name and designation

Authorized Signatory of **the Contractor** with official stamp:

(Signature)