

RFQ- CUTTACK CITY SURVEILLANCE



**REQUEST FOR QUALIFICATION
FOR CCTV BASED CITY SURVEILLANCE PROJECT FOR CUTTACK
IN
STATE OF ODISHA, INDIA**

THROUGH COMPETITIVE BIDDING

REFERENCE NO.-04/OPHWC/2019-20

**THE ODISHA STATE POLICE HOUSING
& WELFARE CORPORATION LTD.
JANPATH, BHUBANESWAR-22.**

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THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD., BHUBANESWAR-22.

(A Govt. of Odisha Undertaking)

Ph: 0674-2544145, 2542921, Fax: 0674-2541543 Email: ophwc.od@nic.in, Website: www.ophwc.nic.in

REQUEST FOR QUALIFICATION

Serial No.	Items	Description
1	Company Name	The Odisha State Police Housing & Welfare Corporation Limited (OPHC)
2	Address	The Chief Engineer The Odisha State Police Housing & Welfare Corporation Ltd., Janpath, Bhoi Nagar, Bhubaneswar – 22.
3	Name of the work	REQUEST FOR QUALIFICATION FOR CCTV BASED CITY SURVEILLANCE PROJECT FOR CUTTACK IN STATE OF ODISHA, INDIA
4	Reference No.-	04/OPHC/2019-20
5	Date of issue of RFQ	16/03/ 2020
6	Pre bid meeting	30/03/2020 at 11.00 A.M
7	Last date of downloading RFQ documents from OPHWC website.	09/04/2020 at 5.00 P.M
8	RFQ Submission Date and time	16/04/2020 at 5.00 PM
9	RFQ Opening Date	17/04/2020 at 11.00 AM
10	Intimation to the Qualified Bidders	To be intimated later
11	Cost of RFQ document	Rs.11,800.00 /-(Inclusive 18 % towards GST)
12	RFQ validity period	90 days from last date of submission of document
13	Currency of RFQ	Indian Rupees
14	Language of RFQ	English
15	Website	www.ophwc.nic.in

The RFQ document can be downloaded at the website mentioned above from **16/03/2020** to **16/04/2020** up to 5:00 Hours. The potential respondents who download the RFQ document from the website(www.ophwc.nic.in) .should submit a demand draft of Rs.11,800.00/- (non-refundable) at the time of submission of RFQ responses. The cost of response documents may be submitted in the shape of demand draft issued from any Nationalized Scheduled Bank & should be made in favour of “**The Odisha State Police Housing & Welfare Corporation Limited**” and payable at **Bhubaneswar**.

Sd/-
Chief Engineer

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Section-1

1. DISCLAIMER

1. This document comprises general guidelines and conditions for bidding but not an offer by OPHWC to bidders or any third party. The purpose of this document is to provide interested parties with information to facilitate the formulation of their proposals and terms and conditions to undertake this project as may be assigned by OPHWC.

2. This RFQ includes statements, which reflect various assumptions and assessments arrived at by OPHWC in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each bidder may require. The document may not be appropriate for all persons, and it is not possible for OPHWC to consider the needs of each party who uses or reads this document. The assumptions, assessments, statements and information contained in this RFQ may not be complete, accurate, adequate or correct. The concerned parties should conduct their own investigations and analysis and should verify the accuracy, reliability, ground conditions and completeness of the information, assessments, assumptions and statements in this document and obtain independent advice from appropriate sources.

3. Neither OPHWC nor its employees nor its consultants make any representation or warranty as to the accuracy, reliability or completeness of the information in this document. The information provided in this document or as part of the bid process is on a wide range of matters, some of which depend on the interpretation of law. The interpretation given is not an exhaustive account of the statutory requirements and should not be regarded as a complete or authoritative statement of law. OPHWC accepts no responsibility for the accuracy for any interpretation or opinion of law expressed herein.

4. Neither OPHWC nor its employees nor its consultants shall have any liability to any bidder or any other person under any law, statute, rules or regulations or the law of contract, tort or otherwise, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with this document, or any matter deemed to form part of this document, the award of the work, or the information or any assessment, assumption, statement or any other information contained in this document or supplied by or on behalf of OPHWC or its employees, those of its consultants or otherwise arising in any way from the selection process for the project.

5. The bidder should confirm that the document is complete in all respects. In the event that the document or any part thereof is mutilated or missing, the bidder must notify OPHWC immediately at the following address:

6. The Odisha State Police Housing & Welfare Corporation Ltd, Janpath, BHUBANESWAR – 751022.

7. Phone: 0674-2542921/1545

Fax: 0674-2541543

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8. E-mail:ctccitycctv@gmail.com

9. The documents and the information contained herein are privileged and are for the exclusive use of the party to whom it is issued. This document must not be copied or distributed by the recipient to third parties (other than to the extent required by the applicable law or in confidence to the recipient's professional advisors, provided that such advisors are bound by confidentiality restrictions at least as strict as those contained in this document). In the event that after the issue of the document the recipient does not continue with its involvement in the bidding process for any reason whatsoever, this document and the information contained herein must be kept confidential by such party and its professional advisors at all times.

10. OPHWC reserves the right to change, modify, add, alter the document or cancel the bidding process without assigning any reasons thereof, at any time during the bidding process. The bidding process shall end with signing of the Agreements. All parties to whom this document has been issued shall be intimated of any such change. Notwithstanding anything stated above, OPHWC shall not be responsible or liable for non-receipt of any such change/notice by bidder. The bidder or any third party shall not object to such changes/ modifications/ additions/ alterations explicitly or implicitly. Any such objection by the bidder shall make the bidder's proposal (at RFQ stage, RFP stage and/or financial proposal Evaluation stage) liable for rejection by OPHWC. Further objection by any third party shall be construed as infringement on confidentiality and privileged rights of OPHWC with respect to this document.

11. The bidder shall not make any public announcements with respect to this bidding process or this document except for any statutory disclosures or with prior approval of OPHWC in writing. Any public announcements to be made with respect to this bidding process or this document shall be made exclusively by OPHWC. Any breach by the bidder of this clause shall be deemed to be non-compliance with the terms and conditions of this document and shall render the Qualification Proposal liable for rejection. OPHWC shall have right to reject any or all bids at any time during the bidding process because of breach of this clause. OPHWC's decision in this regard shall be final and binding upon the bidder.

12. It is clarified that the provisions related to confidentiality (sections 6, 7) will not apply to information relating to this document already available in the public domain prior to the issue of this document.

13. The bidder shall bear all costs associated with the preparation and submission of all the Proposals (against RFQ and/ or RFP). OPHWC and their consultants shall not, under any circumstances, be responsible or liable for any such costs.

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Section-2

2 OPHWC BACKGROUND

The Odisha State Police Housing and Welfare Corporation Limited (OSPH&WC) was incorporated as a wholly owned Government of Odisha Company on 24th May 1980 under the Companies Act, 1956 to meet the housing needs of the Police force with focused welfare measures.

During almost 40 years of its existence, the OSPH&WC has developed expertise in planning, designing and construction of residential and non-residential buildings for the Police, Fire Services, Prison Administration and Judiciary and the likes of it. The Corporation has developed expertise in fortifying buildings vulnerable to extremist attacks in Maoist affected areas of the State. The Corporation is the nodal agency for construction of buildings under important Central Government schemes like Modernization of Police Force Scheme, Security Related Expenditure Scheme and the Special Infrastructure Scheme.

The OSPH&WC as a trusted construction Company provides quality construction and therefore has attracted clients outside its core area of responsibilities. The Corporation has constructed projects for Colleges and Universities under UGC Grant, Hospitals for National Rural health Mission, Schools for SC & ST Development Department, Vocational Training Institutes for Industries Department etc. Starting with a turnover of Rs 13.70 lakhs in the year 1980-81, it was able to reach a turnover of Rs 400 crores during the Financial Year 2018-19.

OSPH&WC, is, at present a silver category PSU under norms prescribed by the State Govt.

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Section-3

3 REQUEST FOR QUALIFICATION

OPHWC is mainly engaged in the business of construction of buildings, electrical works and other related services. It proposes to appoint a Systems Integrator with proven professional track record and experience in the CCTV based CITY Surveillance Network for Cuttack. With this Request for Qualification ("RFQ"), through Competitive Bidding, OPHWC seeks Qualification Proposals from eligible bidders ("Bidders") to work as Systems Integrator at CUTTACK and perform the indicative Scope of Work illustrated in Section 4.2 of the RFQ. The estimated value of the project is around Rs 15 crores which is likely to be revised upwards.

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Section-4

4 PROJECT DESCRIPTION

4.1 General

The information in this section is provided for the general guidance of the Bidders:

Owner and its registered office	The Odisha State Police Housing & Welfare Corporation Ltd, Janpath, Bhubaneswar – 751022. Phone: 0674-2542921/1545 Fax: 0674-2541543 Email: ctccitycctv@gmail.com
Consultants to Project	Sachinandan Consulting Pvt. Ltd Plot no 558, Shahid Nagar Bhubaneswar- 751007 Email: sachinandan_consulting@yahoo.co.in
Project	CCTV based City Surveillance (inclusive of supply, installation, integration, commissioning, operations and maintenance)
Location	CUTTACK CITY LIMITS

4.2 Scope of Work

OPHWC has received orders for supply, installation, integration, commissioning, operation and maintenance of CCTV based City Surveillance System to safeguard public areas, to minimize environmental & human threats and prevent crime. This includes monitoring of human and other modes of activities in sensitive areas as well as busy traffic junctions to deter law breakers whereby acts of crime modes of activity and negligence can be reduced, detected and prevented. Surveillance System using IP based cameras and other components needs to be installed and operationalized at the strategic locations which will provide surveillance on a 24 x 7 hour basis and real-time information to avoid areas of congestion, shorten travel times and simplify commutation. It will also help in enhancing efficiencies, reduce crime and improve premise security of government as well as other facilities of strategic importance. The bidder/Systems Integrator is required to provide a City Surveillance Network to cover the city limits and certain adjoining areas of Cuttack city.

The indicative Scope of Work to be undertaken by the Systems Integrator/bidder shall include, among other things, the following:

Brief requirements of the project

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The CCTV System in Cuttack will position cameras at the specified locations. At five locations connectivity will be established through RF and at the remaining location through leased bandwidth on fiber network of a telecom service provider. The camera locations have been decided keeping the following in mind. Approximately 400 cameras will be deployed to cover 50 locations of the following types.

- a) Entry and Exit points of the City.
- b) Important Road Stretches (accident prone areas).
- c) Approach Roads to Important buildings - Govt. buildings, Major Hospitals, Major School/Colleges, Major Banks, and Shopping Malls.
- d) Approach Roads to Key Travel Stations - Railway Station, Bus Stands, Taxi stands etc.
- e) Entry/Exit of Schools, Key Residential Places, Market Places.
- f) Vital installations in the city – Flyovers / Bridges.
- g) Near/Around Public Places with high footfall.

A. Broad Scope of the Work

(Details of locations and types of cameras are in Annexure A)

1. The Scope of complete work would broadly be designing of the deliverables within the broad parameters decided by the user, survey, Engineering, Supply, Testing, Installation, Integration and operation & maintenance of all project deliverables as well as integration with other CCTV Networks / ISPs. if necessary.
2. The System integrator/bidder will carry out Site Acceptance Test for each site including acceptance test for each component, Final acceptance test (FAT) for the entire solution, Training, Documentation, Warranty and Post Warranty Maintenance of the entire system, accessories, electrical wiring, connectivity bandwidth etc. for at least 5 years followed by AMC for another 2 years.
3. The System integrator/bidder shall be responsible for all legal, technical and commercial transactions / Fees, Permissions, Licenses etc. and liaison with concerned governmental and regulatory agencies including but not limited to Wireless Planning Coordination Wing (WPC), Municipal Corporation, Airport Authority of India and Archeological Survey of India as and when necessary. The department will provide the necessary request letter to help the vendor to acquire permissions.
4. The System integrator/bidder will carry out configuration of the system by setting up the finer parameters that will provide a fully functional system within the broad parameters decided by the user. The parameters decided should be monitored during FAT period. The system should be capable of operating with 4G/5G service providers.
5. System integrator/bidder shall act as single point of contact to organize and manage the entire project as per project requirements and for the equipment supplied by the vendor through it.
6. System integrator/bidder shall ensure posting of adequate manpower at site for regular maintenance of each equipment installed during warranty period to achieve the specified service

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levels.

7. The System integrator/bidder will ensure warranty service for 5 years followed by AMC for another 2 years of the entire system in an efficient manner to ensure that the guaranteed SLA is achieved.
8. The System integrator/bidder will ensure the setting up of a system with open platform such as ONVIF and other applicable standards which allows integration of equipment from other manufacturers and other types at a later time into the system, as and when necessary, without any additional expenditure, except the cost of procurement and installation of those equipment's.
9. The System integrator/bidder will create an operationalized control room with servers and storage system operating in a virtualized environment which would be able to give inputs to other users and take input from the data base of other users seamlessly and without any extra expenditure in hardware or software. Some examples are RTO and CCTNS databases.
10. The System integrator/bidder will ensure absolute reliability and secrecy of the recorded and stored images by its employees whenever they handle such information.
11. If the offers received are without the System integrator/bidder having carried out site visit / survey, it would be considered that the bidder has understood the requirement fully and shall comply with the functional requirements of the offered system including the scope of work / services in totality at their own risk and cost.

B. Other Terms & Conditions:

1. Failure to meet the specified SLA parameters as mentioned in the contract will make the System integrator/bidder liable for penalty.
2. The System integrator/bidder shall furnish its plan of roll out of the project which will factor in the facilities if already created by the user such as the preparing of the premises, power supply, Air conditioning etc.
3. The System integrator/bidder will provide the structure of its execution and management team including the number of persons, specific persons for the job and their CVs at the time of submitting the RFP which will be issued only to those who successfully qualify in this round.
4. The specification and quality of materials used in the course of execution will have to be approved by the user even if those specifications have not been disclosed at the time of issuing the RFP.

Those respondents to the RFQ who have secured the qualifying mark in the evaluation process will be issued the Request for Proposal (RFP). After the response to the RFP have been received and scrutinized the eligible bidders may be asked to provide proof of concept (POC) in actual operating conditions on selected sites in CUTTACK using the same equipment as offered. The price bids of only

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the successful bidders in both the technical evaluation stage (both scrutiny and, if necessary, the POC stages) will be considered. Evaluation will be based broadly on the CQCBS system.

B. Components of the network

The system being planned to be set up must comprise of state of the art hardware equipment and sub systems with collectively offering high uptime as specified. The network must be designed in line with the requirements of high availability and high scalability for the expected increase in the traffic. System integrator/bidder will be required to offer all the components for end to end solutions and should have the following capabilities/features/functions.

i. Camera & Network

1. The transport of the Video footages should be through leased bandwidth provided by any telecom service provider on its fiber network (must ensure data security and data sanctity) and user's own captive wireless network at the specified far off location as per site requirement. The project will use leased bandwidth from a Service Provider for connectivity. All necessary cables including power, networking and video / communication, data-com cables, electrical, network switches and any other accessories required for the project should be installed by System Integrator. The Bidder shall quote the cost of leased band width from a Telecom Service Provider at the time of submitting the price bid in the next phase for 5 years and AMC offer for two additional years. The bid document must include a contract agreement between the Master system integrator and the telecom service provider whose bandwidth is planned to be offered for connectivity.
2. Installation shall include all aspects necessary to make the cameras and recording equipment operational. This includes connecting the cameras from the field locations to the control room. It also includes network, recording and archiving the video stream from all the cameras on 24 x 7 hour basis, with specified SLA.
3. The system should have capability to integrate Dial 100 facility later.
4. The system must provide for additional cameras (Cluster of re-deployable cameras) during special events and which can be integrated with the planned network through wireless or any other media.
5. Suggested Components of the proposed system are listed below:
 - Fixed camera, PTZ camera and any other suitable camera
 - PAN-TILT-ZOOM (PTZ) features having minimum capability of 30X zoom.
 - Day & Night color vision capability
 - Capability to work in low luminance environment
 - Motion Detection capability
 - Appropriate mounting of camera as per the standards

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- All Cameras as well as field equipment are required to be ruggedized, vandal resistant and should be installed using IP66 or other equivalent standards and having capability to inform the control room if tampered.
- Local camera storage solution for storing the video by USB drives, SD or other type of card as may be supported by suggested design /technology
- Edge and central analytics functionality may be needed to be built onto the cameras to enable on the spot analysis of events including, but not limited to, traffic rule violation identification and Number Plate Recognition of two wheelers, four wheelers and multi wheeler automobiles.
- In case of network failure the system should have adequate local storage capacity which will store and subsequently forward the data when the network becomes available.
- Adequate power backup systems / batteries to support power outage must be planned.

Detailed specification for the points above will be provided in the RFP.

ii. Analytics

1. The system should have advanced video analytics like Line crossing detection, Intrusion detection, People gathering (Mob), Violent behavior (Tussle), Sudden dispersing (people running away), Capturing Helmetless driving , Vehicle counting and traffic analysis , Capture wrong way driving ,Real-time analysis of min 1 million images every day, detect Black listed License plate and send trigger to the respective police station.
2. The system will provide trigger at the Sub-Control at DCP office if any suspect face is detected.

iii. Others

1. Video Management software (VMS), Face Recognition software used at the Control room should have user license for deployment at a later day at the proposed Unified Control room at Bhubaneswar without further cost. The VMS should have usual live view, play back view, vehicle search option, Map Application, Facial Recognition and Video Content Analysis.
2. The network will be on Hybrid model where within Cuttack Five locations would be connected in Radio Frequency and the other cameras would be on Leased Line.
 - a. The Camera should be minimum of 2 Megapixel OR Higher.
 - b. Virtualized servers will be used for Cuttack Control Room.
 - c. Cuttack Ring Road and NH has to be enabled with about 10 nos of ANPR cameras. (Ref Annexure A)
 - d. Storage should hold the data for minimum 30 days of recording.
 - e. Artificial Intelligence Based Video Analytics should be included in the scope.

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- f. The Camera / Switches Specifications may be changed based on the feasibility and recommendation of the technical committee.
 - g. Provision shall be made to increase the Locations / Cameras in future, which is recommended as 25% based on industry standards.
 - h. The system should have role based access capability
3. The system should be capable of identifying red light and lane violators at identified Junctions, moving in wrong direction, number plate recognition, unauthorized parking with a capability to keep and update records with suitable applications.
 4. The system should be capable of identifying events like entering in restricted area, waiting in restricted area, face-detection in large crowd.
 5. The system should be capable to detect video signal lost and restore it.
 6. It should provide interface with mobile phone network to send and receive photos and video clips to selected mobile phones.
 7. It should have the components for Analytics listed below but not limited to:
 - i. Capability to detect significant activities in the city and to generate alarm for
 - j. Alert approaching or breaching perimeters
 - k. Stolen Vehicle/Suspected Vehicle identification
 - l. People running or loitering
 - m. Left item / abandoned baggage alarm etc.

iv Storage

1. The storage should be hyper converged by creating an HCI.
2. The offered system shall have facility of exporting any portion of stored clipping for a desired period on CD/DVD, USB external drive {pen drive, portable hard drive etc.) or through email, MMS, GPRS or on any handheld device by using adequate compression of file formats.
3. The system should automatically overwrite the previously recorded video when it exceeds 30 days without any manual intervention.
4. The system shall always have recorded video of last 30 days at any given point of time.
5. The recording shall be at a desired resolution @ 25 fps in PAL or better quality using optimum compression algorithm.
6. The system shall support open and widely accepted video format for storage like

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MJPEG/MPEG/H.264/etc.

7. The system should have capacity to store on board the camera recordings for 7 days when network is disrupted, dislocated, displaced or diverted and the capability to transmit the same to the central storage when network connection is restored.

v. Command and Control Room

1. The command control center shall be established at the Control room in the DCP office at Cuttack. The command and control center should have the capability to view and control cameras / other subsystems across the city.
2. The control center shall have adequate physical security systems like access control system, fire detection and suppression, ultrasonic pest repellent systems, etc.
3. The control center should be designed to accept different kinds of inputs as well as provide outputs in different formats to be able to feed in or feed out signals from different subsystems.
4. Control center shall be designed to accommodate minimum ten personnel with requisite hardware/software and each shall have individual displays for monitoring as well as a central video wall for viewing by all personnel. Ergonomics design principles need to be used while building control room.
5. The control room shall have workstations along with controllers for camera operation, Control panels for electronic display panels, Control panels for public announcement system etc.
6. The system shall use video signals from cameras located at different locations, process for viewing on workstations / monitors at control room and simultaneous recording of all the cameras after suitable compression.
7. Facility for viewing and controlling of all the cameras as required should be provided at all workstations of the control center. It also includes all necessary hardware and licensed software.
8. Components for Control Room are listed below but not limited to:
 - a. Control Room setup with Command and Control functionality
 - b. Each Control room setup includes video wall, anti-static and fire-retardant flooring, necessary furniture, electrical fittings wirings, cabling etc.
 - c. Remotely controlled Electronic Display Panels
 - d. Public Announcement System in various parts of the city from control room

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- e. Network for Video transmission from Camera to control room, mobile control vehicle and command center

vi. Future Expandability

1. The proposed system should have capacity of accommodating additional cameras during the contractual period up to 500 in numbers, beyond the original planned capacity of 400.
2. The offered system should be with an open protocol with IP network centric function and management architecture aimed at providing high speed manual/automatic operation for the best.
3. Solution should be on a common platform which could Integrate with other external CCTV networks of public places (Airport, Railway Station etc.) and other Govt. Department applications like RTO database, CCTNS, etc. Network should also be capable of integrating with Private CCTV networks if necessary.
4. Police department may use the network for data communication for preparation of traffic challans & make reference to police / RTO records of vehicles / licenses by keying in the vehicle/ license registration nos. and web enabled interface.
5. The system integrator should keep in mind that the data will ultimately be transferred live through leased line to the unified Command and Control Centre at Police Seva Bhawan at Bhubaneswar.

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Section-5

5 BIDDING PROCESS

5.1. OPHWC intends to conduct a bidding process for the appointment of the Systems Integrator based on Competitive Two Stage Bidding Process

Stage I: Identification of Qualified Bidders

In the first stage, OPHWC intends to qualify bidders who meet the Qualification Requirements detailed in Section 6 of this Request for Qualification (“RFQ”) document and declare them as Qualified Bidders.

Stage II: Identification of Selected Bidder

- i. In the second stage, OPHWC intends to issue Request for Proposal to the Qualified Bidders who will submit Techno Commercial Proposals responsive to the requirements and criteria specified in the Request for Proposal (“RFP”). The Price proposal also will be submitted at this stage.
- ii. Price Proposals will be evaluated as per the evaluation criteria specified in the RFP. Price Proposal that is most responsive to the requirements of the RFP will be evaluated and will be declared as the Successful Bidder. After identification of the Selected Bidder, OPHWC intends to execute the Agreements with the Selected Bidder, thus concluding the process of appointing a Systems Integrator. Please note that the evaluation of the price proposal will be done according to the guidelines and notifications issued by the State Government which are in force at the time of evaluation and it is the responsibility of the bidder to make themselves aware of the relevant instructions.

OPHWC reserves the right to amend or modify or cancel the bidding process specified above or disqualify a bidder in accordance with the criteria specified for the bidding process at any time.

5.2. Bidding Schedule (Important Dates)

Date of issue of RFQ	16 /03/ 2020
Pre bid meeting	30/03/2020 at 11.00 A.M
Last date of collecting RFQ from OPHWC office/Downloading from OPHWC website.	09/04/2020 at 5.00 P.M
RFQ Submission Date and time	16/04/2020 at 5.00 P.M
RFQ Opening Date	17/04/2020 at 11 .00 AM
Intimation to the Qualified Bidders (indicative)	18/04/2020

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Section-6

6 QUALIFICATION REQUIREMENTS

Bidders shall meet the Qualification Requirement stated in Sections 6.1 to become a Qualified Bidder. A Bidder shall be an experienced Systems Integrator who has executed similar Projects.

Definitions

'Agreement(s)' means the agreement(s) to be entered into between OPHWC and the Successful Bidder setting forth the scope of work, and terms and conditions thereto, that the Successful Bidder will perform for OPHWC;

'Applicable Approvals' shall mean all approvals, affiliations, clearances, consents, permissions, licenses, authorizations, no objection certificates, required to be obtained under Applicable Laws from any governmental (central, state or local) statutory or other authority prior to or for the implementation of the Project.

'Applicable Laws' shall mean all laws, brought into force and effected by the Government of India or Government of Odisha including all acts, rules, regulations, bylaws, circulars, guidelines, policy initiatives and notifications made there-under and judgements, decrees, injunctions, writs and orders of any court, applicable to the Project, the parties and the exercise performance and discharge of the respective rights and obligations of the parties hereunder or under the Agreement(s) as may be enforced and are in effect during the subsistence of the Project.

'Annual Turnover' for any relevant Financial Year shall mean gross annual revenue earned by the Bidder;

'Financial Year' shall mean from 1st April of any year to 31st March of the next year.

'Qualified' shall describe a company, corporation or entity that directly meets the Qualification Requirement, as indicated in Section 6.1.

'Systems Integrator' means the Selected Bidder who would sign and execute the Agreements with OPHWC for the Project. The Systems Integrator shall include its legal representatives, successors and permitted assigns;

'Project' shall mean the "Designing within the broad parameters decided by the user , Engineering, Supply, Testing, Installation, Integration of all project deliverables as well as integration with other CCTV Networks/ ISPs of CCTV based surveillance and traffic management Solutions in Identified locations of Cuttack".

'Year' shall mean either a financial year or a calendar year, as appropriate.

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6.1. Qualification Requirement (The summary of the qualification requirement and the documents to be submitted as proof are in Annexure 10.)

6.1.1 Technical

Keeping in view the complexity & volume of the work involved, the following criteria are prescribed as pre-qualification criteria for RFQ. System integrator/bidder interested in undertaking the project must possess the technical know-how and the financial strength that would be required for successful implementation of the project and support services for the entire period of the contract.

1. The System integrator/bidder should be a company registered and operating under the Indian Companies Act, 1956 since April 1, 2014 or earlier.
2. The System integrator/bidder should be an established System Integrator being in this business for a period exceeding five years as on 31.01.2020.
3. The System integrator/bidder shall not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted by any of Government or its agencies/PSU.
4. The System integrator/bidder must provide a list of places where such systems have been installed by him and/or are being maintained by him with their configuration and with the references along with work order or purchase order copies etc. The bidder is required to provide assurance to arrange for a visit to such place(s) in case the user needs to evaluate the performance of the installed system/Network.
5. The System integrator/bidder must have experience in implementation of Projects in CCTV Surveillance. Those who have executed large Surveillance projects with a minimum of 200 IP based camera sand a state of the art control room deploying analytics and other softwares running on virtual server swill be eligible to apply. Those who are in the process of executing such project and have achieved the go- live stage will be required to submit a certificate of satisfactory progress from the customer of that project.
6. Consortiums are not allowed to bid.

6.2.2. Financial

1. System integrator/bidder shall have a minimum average Turnover of Rs20 Crores each year during last three financial years excluding the current financial year and a positive net worth at the end of FY 2018-19.The System integrator/bidder must attach audited accounts for the years mentioned above as supporting documents.
2. The System integrator/bidder shall furnish valid GST registration certificate and Permanent Account Number (PAN).

6.2.3. General

1. The System integrator/bidder must demonstrate the technical expertise, experience, facilities, and capabilities necessary to perform the work in a satisfactory manner.
2. The System integrator/bidder is required to visit the locations and carry out feasibility

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study before submitting the offer. In addition, the System integrator/bidder must be able to demonstrate a successful track record at meeting schedules.

3. OPHWC may decide to place an order to multiple vendors. Decision in this regard will be final and binding to all the bidders.
4. OPHWC is not required to give any justification for any of its decisions.
5. To facilitate evaluation of RFQs, OPHWC may, at its sole discretion, seek clarifications in writing from any System integrator/bidder regarding its RFQ. OPHWC reserves the right to change, modify, add or alter the Bid Process or any of its principles at any stage prior to receipt of RFQ under intimation to all the System integrators

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Section-7

7 INSTRUCTIONS TO BIDDERS

7.1. Interpretation

Capitalized terms used but not defined in the RFQ shall have the meanings ascribed to such terms in general.

7.2. Collection of RFQ

7.2.1. The RFQ document can be obtained from the office of the undersigned on payment of non-refundable application processing cost of Rs.11,800/- (Inclusive 18% towards GST) in the shape of Bank D/D drawn in favor of Orissa Police Housing and Welfare Corporation payable at Bhubaneswar.

7.2.2. The RFQ document can also be downloaded from the website at www.ophwc.nic.in and in that case, the application processing fee in the shape of Bank Draft shall have to be attached with the RFQ document. Payment towards the RFQ document in the shape of cheque, cash, money order or postal order will not be accepted.

7.3. Additional set of RFQ

Bidders may download additional copies of the RFQ from OPHWC website.

7.4. Bidders' Due Diligence complete

RFQ Submission shall be conclusive evidence that the Bidder has familiarized itself with all conditions. Further, it shall be deemed that by RFQ Submission, the Bidder has:

- (a) made a complete and careful examination of the RFQ; and,
- (b) accepted the risk of inadequacy, error or mistake in the information provided in the RFQ or furnished by or on behalf of OPHWC related to any of the matters referred in this Section 7.4; and,
- (c) received all relevant information requested from OPHWC; and,
- (d) agreed to be bound by the undertakings provided by it under and in terms hereof.

OPHWC shall not be liable for any omission, mistake or error with respect to any of the above or on account of any matter or thing arising out of or concerning or relating to the RFQ or the bidding process, including any error or mistake therein or in any information or data given by OPHWC.

7.5 Amendments issued to this RFQ

All changes to the RFQ documents including any extension to the RFQ deadline will be made formally by issuance of an amendment to the RFQ (collectively the "Amendments") in the OPHWC website at www.ophwc.nic.in. All Bidders must acknowledge receipt of all amendments issued against the RFQ when the amendment is received, and additionally, Bidders must confirm that all amendments have been incorporated in the preparation of their RFQ.

OPHWC reserves the right to issue any Amendments to the RFQ document without assigning any reason thereto. At any time prior to the RFQ Submission Date, OPHWC may, for any reason, whether at its own initiative or in response to a clarification by a prospective Bidder, modify the RFQ document through Amendment(s). The Amendment(s) will be

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notified to all prospective Bidders through the website and such Amendment(s) will be binding on them.

In response to such Amendments, the Bidders shall submit their RFQ in a fresh schedule. However, if the Bidder has already submitted its RFQ prior to issue of such Amendments, they may resubmit a fresh RFQ marked on the envelope as “Amended RFQ”. The original RFQ submitted by such Bidder shall be returned on request to Bidder on the RFQ Opening Date.

OPHWC may extend the deadline for the submission of RFQs, in order to allow the Bidders a reasonable time in which to take the Amendment(s) into account in preparing their RFQs.

7.6 RFQ Preparation

Bidder shall prepare the RFQ in the format provided as per Appendices in this RFQ. Bidder shall also furnish a covering letter. Guidelines mentioned below shall be as per the needs of RFQ.

7.7 RFQ Submission

Bidder shall submit the RFQ in sealed envelope with “REQUEST FOR QUALIFICATION FOR CCTV BASED CITY SURVEILLANCE PROJECT IN CUTTACK ” written on top, containing (i) one (1) hard copy in original and three (3) photo copies (“Printed Documents”) and (ii) in electronic native format, copied onto two (2) compact discs (CDs) (“Electronic Documents”). In case of any discrepancies between the original and the photo copy, the original document shall prevail; in case of any discrepancies between the Printed Documents and the Electronic Documents, the Printed Documents will prevail and be taken as final. The following electronic file types or compatible versions are acceptable: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, PDF. The Electronic Documents and Print Documents of the RFQ shall be submitted in sealed packages with the Bidder’s name and address clearly indicated. Bidder shall note that it shall submit copy of all the supporting documents in hard copy form as well in soft copy form on a CD.

In addition, one copy of the documents required in Annexure 10 must be submitted together in a separate envelope and marked as “Appendix 10 compliance”.

The RFQ under its copy or copies shall be typed or written in indelible ink and signed by the authorized signatory of the Bidder who shall also initial each page in blue ink. For printed and published documents, only the cover and the last page shall be initialed. The RFQ shall contain page numbers and shall be bound together in hard cover.

Bidder shall submit completion certificates substantiating the qualifying requirements and photographs of jobs completed by them.

The Bidders shall take all responsibility for submitting the RFQ within the prescribed RFQ Submission Date. OPHWC will not be responsible for or accept as a valid reason any postal delay or non-receipt/non-delivery of the RFQ.

Any deviation from the prescribed format mentioned in the exhibits will make the bid liable for rejection. Bids incomplete in any respect or not providing adequate information will also be ground for rejection.

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7.8. EMD

All RFQ will have to be submitted latest by **16/04/2020 up to 5.00** PM in this office and the same shall be publicly opened the next day at 11 am. The System integrators/bidders will have to submit an Earnest Money Deposit (EMD) of Rs.15,00,000/- (Rupees Fifteen Laths only) along with the RFQ which shall be refunded to all the unsuccessful System integrators/bidders immediately after the issue of RFPs. All RFQs will have to be submitted along with document fee and EMD failing which the RFQ shall not be accepted/considered. The CEO, OPHWC reserves the right to reject one or all the RFQs without assigning any reasons thereof.

7.9. Language

The RFQ prepared by the Bidder, and all correspondence and documents relating thereto, must be in the English language. English shall be the binding and controlling language for all matters relating to the meaning or interpretation of the RFQ.

7.10. Corrections & Erasures

Bidder shall note that RFQ shall be prepared in indelible ink. No erasure or over writing shall be permissible. All corrections and alterations in the entries in the RFQ shall be made by indelible ink and shall be signed by the Bidder with date.

7.11. Bidding Cost

The Bidder shall bear all costs and expenses associated with the preparation and submission of its RFQ and OPHWC shall under no circumstances be responsible or liable for any such costs, regardless of, without limitation, the conduct or outcome of the bidding, evaluation and selection process.

7.12. Validity / Extension / Modification/ Withdrawal/ Rejection of RFQs

Validity of the RFQ

The RFQ, so submitted by the Bidder, shall be valid till **16/04/2020 until 5:00** PM, or as extended by the OPHWC from time to time. The Bidder shall ensure that, on the OPHWC's request, the validity of the RFQ shall be extended till the same date of the validity date of the Techno Commercial and Price Proposal to be submitted later at the RFP stage.

Extension of RFQ Opening Date

OPHWC may, at its sole discretion, decide to extend the RFQ Opening Date and / or RFQ Submission Date. In such a case, all rights and obligations of OPHWC and that of Bidders previously subject to the RFQ Opening Date or RFQ Submission Date will thereafter be subject to the new RFQ Opening Date or RFQ Submission Date.

Modification and Withdrawal of RFQs

The Bidder will not be allowed to modify its RFQ after its submission. No RFQ shall be withdrawn during the period between the RFQ Submission Date and the Date of intimation to the Qualified Bidders, as extended from time to time.

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7.12.1. Rejection of Responses to RFQs

- a) Any Responses to RFQs received by OPHWC after the expiry of the RFQ Submission Date will be rejected outright and returned to the Bidder; AND,
- b) Responses to RFQs not containing all the information sought by OPHWC may be rejected; AND,
- c) Responses to RFQs submitted by fax or email will be treated as invalid and rejected outright;
- d) Responses to RFQs not accompanied by the specified bid security will be rejected

If the Bidder conceals any material information or makes a wrong statement or misrepresents facts or makes a misleading statement in the RFQ, in any manner whatsoever, in order to create circumstances for the acceptance of its RFQ, OPHWC reserves the right to reject such RFQ. OPHWC has no liability to any person for excluding or rejecting any such bid.

OPHWC's Right to Accept any RFQ and to Reject any or all RFQs

OPHWC reserves the right to accept or reject any RFQ or to annul the bidding process and reject all RFQs at any time, without assigning any reasons thereof and OPHWC shall not entertain any claim whatsoever on this account. The Bidder shall have no claim on OPHWC in case his RFQ is rejected or the bidding process is annulled.

7.13. Ownership of the RFQ

Without affecting any intellectual property rights, which may exist in a response to this RFQ, all responses submitted will become the property of the OPHWC. Without limiting this section, the OPHWC reserves the right to copy and reproduce, for OPHWC's own internal use, responses for the purposes of evaluation, clarification, negotiation and/or contract execution and anything else related to these purposes. In addition, the OPHWC will retain (soft and hard) copies of all responses, evaluation, negotiation or such other materials as are required for the discharge of its legal obligations and in order to efficiently and effectively manage any contract entered into with a Bidder.

7.14. Fraud and Corruption

Bidders are expected to observe the highest standard of ethics from RFQ stage till execution of the Agreement(s) and not to indulge in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice. For the purposes of this provision, the terms set forth below have the following definitions:

"corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action in the procurement process or in contract execution;

"fraudulent practice" means a misrepresentation of facts in order to influence procurement process or the execution of an Agreement to the detriment of the Owner and includes collusive practices among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial, non-competitive levels and to deprive the Owner of the benefits of competition;

"coercive practice" means impairing or harming or threatening to impair or harm directly or indirectly, any person or property to influence any person's participation or action in the Bidding Process;

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"undesirable practice" means (i) establishing contact with any person connected with or employed or engaged by the Owner with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (i) having a conflict of interest as stated in Section 7.15; and

"restrictive practice" means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating and defeating a full and fair competition in the Bidding Process.

7.15. Conflict of Interest

Bidders must state in their submission any circumstances, arrangements, understandings or relationships that constitute, or may reasonably be considered to constitute, an actual or potential conflict of interest with the Bidders obligations under this RFQ or under any contract which may be negotiated or executed between the Bidder and OPHWC. Bidders and their employees, agents, advisers and any other person associated with the Bidder must not place themselves in a position which may, or does, give rise to a conflict of interest (or a potential conflict of interest) between the interests of OPHWC or any other interests during the entire bidding process.

7.16. Disqualification of Bidders

OPHWC reserves the right to disqualify or reject the Bids of any Bidder:

- a) Who has been barred by the Central, State or its PSUs/Agencies or by any court of law/tribunal/forum from participating in any project of the nature of building construction, and the bar subsists as of date of the issue of RFQ.
- b) In the last 3 (Three) financial years (excluding the current one) defaulted on any contract, as evidenced by imposition of an award by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder, or have been expelled from any project or contract, or have had any contract terminated for breach of such by the Bidder.
- c) Who has submitted more than one RFQ under different names/entities.
- d) If it is not in conformity with or commensurate to the mandatory requirements as laid down under this RFQ or in violation thereof.

7.17. Ethics and Transparency

OPHWC will adhere to highest ethical standards and transparency in the bidding process.

7.18. Confidentiality

Information relating to examination, evaluation and recommendation for selection of Successful Bidder will not be disclosed to any person who is not officially concerned with the process or is not a retained professional advisor advising OPHWC in relation to, or matters arising out of, or concerning the bidding process. OPHWC will treat all information, submitted as part of the RFQ, in confidence and will require all those who have access to such material to treat the same in confidence. OPHWC may not divulge any such information unless it is need based and it is directed to do so by any statutory entity that has the power under law to require its disclosure or is to enforce or assert any right or privilege of the statutory entity

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and/or OPHWC or as may be required by law or in connection with any legal process. In the event OPHWC is required to divulge any information, it will make best endeavors to maintain confidentiality of the information held by it and divulge only that information which it is required to.

Section-8

8 EVALUATION

8.1. RFQ Evaluation Process

The RFQ evaluation process comprises of the following two steps:

Step I – Responsiveness check

Step II – RFQ evaluation

8.1.1. Step I - Responsiveness Check

1. The RFQ submitted by the Bidder shall be scrutinized to establish “Responsiveness”. Any of the following conditions may cause the RFQ to be deemed “Non-responsive” by OPHWC and thus not be taken up for RFQ evaluation.
2. RFQs not received by the due date and time.
3. Required information not submitted in the RFQ to be evaluated and/or information not submitted in specified formats.
4. RFQ not accompanied by document fee or Earnest Money Deposit.
5. RFQ not signed by the Bidder or authorized signatory and / or sealed in the manner and to the extent indicated in this RFQ.
6. RFQ not accompanied by proper authorization in favor of authorized signatory for signing of RFQ.
7. RFQ not including the covering letter as per format provided;
8. RFQs not including information as per format in Appendices from 1 to 8.
9. RFQ relying upon documents which are not executed as per due process of law.
10. RFQs having conflict of interest.
11. RFQ which may incur disqualification of the bidder

8.1.2. Step II –RFQ Evaluation

1. RFQ evaluation will be carried out considering the information furnished by Bidders as prescribed under covering letter and Appendix-A. This step would involve evaluation of the RFQ as per the Qualification Requirement.
2. The Bidder must fulfill the minimum qualification requirements as mentioned in Section 6 and appendix 10. It ought not to have any disqualification as under Section 7.16.
3. Notwithstanding anything stated above, OPHWC reserves the right to assess Bidder’s capability and capacity to perform along with quality of execution by the bidder based on field visit and feedback, in the overall interest of OPHWC.

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8.2. Qualified Bidder

Evaluation of RFQs as per Section 8.1.1 and Section 8.1.2 will be carried out by OPHWC and/or its consultants. OPHWC will intimate the outcome of the RFQ evaluation in due course and those who are qualified in this process will be eligible to continue on in the selection process. The parameters of evaluation and their respective weights are mentioned in appendix 9. Bidders scoring 70 or more in the evaluation system will be considered successful to participate in the next stage of the bid.

Section-9

9 ADDITIONAL REQUIREMENTS

Following are the major requirements of various forms of securities to be provided by the Bidders at the RFP stage as well as execution of the Agreement(s).

9.1. Bid Security

During Stage II, the Qualified Bidders may be required to submit enhanced bid security. The estimated amount, scope, extent, form and terms of the bid security will be specified in the RFP.

9.2. Contract Performance Security

If the Bidder is declared the Selected Bidder, the Bidder shall furnish a Performance Guarantee of Ten percent of the contract value which shall be in the form of a Bank Guarantee from a Scheduled/Nationalized Bank to secure the due performance of the contract which shall be liable for forfeiture upon material breach of any term and condition of the contract. The scope, extent, form and terms of this contract performance guarantee will be finalized in the RFP.

OPHWC reserves the right to amend/include these requirements at the RFP stage.

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Section-10

10 Governing Laws, Jurisdiction and other conditions

The document shall be governed by and interpreted in accordance with laws in force in India. All disputes arising from or in connection with the bidding process or this RFQ shall be resolved by a reference of the dispute to a sole arbitrator to be selected or nominated by the CMD, OPH&WC on the application of the aggrieved party. The sole arbitrator so nominated by the CMD shall be a retired High Court Judge or a retired Dist. Judge of this State.

The arbitration shall be conducted within the meaning and purview of the Arbitration & Conciliation Act, 1956.

Step out obligation

This RFQ specifically clarifies that upon expiry of the contract/agreement which will be inclusive of extended period, if any or termination thereof, the successful Bidder/Developer shall handover the vacant and peaceful possession of the project, project site including site office and storage shed to OPHWC.

Exclusion of implied warranties

This RFQ specifically clarifies that the agreement/contract which will be entered into the successful Bidder will exclude any warranty condition or other undertaking implied by law or custom or otherwise arising out of any other agreement between the parties or any representation by any party not contained in a binding legal agreement executed by the parties.

Severability

It is also clarified that if for any reason whatsoever any provision of the Agreement with the successful Bidder to be executed becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, then the validity, legality or enforceability of the remaining provisions shall not be affected in any manner, and the parties will negotiate in good faith with a view to agreeing upon one or more provisions which may be substituted for such invalid, unenforceable or illegal provisions as early as practicable.

FORCE MAJEURE

Any delay in or failure of performance by the successful Bidder shall not constitute default under the agreement/contract to be executed by OPHWC and the successful Bidder or give rise to any claims for damages against said PARTY if and to the extent caused by reasons which are beyond the control of the said PARTY, including but not limited to acts of God, statutory authorities, strikes or other concerted acts of workman, power cuts, fires, floods, explosions, riots, war (declared or undeclared), rebellion, sabotage, extra ordinary severe weather, civil commotion and criminal acts of third parties.

Force Majeure means any act or event which wholly or partially prevents or delays the performance of obligations by either party (OPHWC and successful Bidder entering into agreement/contract) of such act or event is not reasonably within the control of and not caused by the fault or negligence of the non-performing party.

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If OPHWC and successful Bidder entering into agreement/contract is wholly or partially unable to perform its obligations because of a Force Majeure event that party shall be excused from whatever performance is affected by the Force Majeure event to the extent so affected provided that:

- i) Non performing party gives a written notice to the other party of the occurrence of the Force Majeure event immediately on its occurrence and in any case within a period of 5 (five) days of the occurrence. Further, regular reports indicating the position will be furnished by the non-performing party to the other during Force Majeure.
- ii) Non-performing party shall make all reasonable efforts to continue to perform its obligation herewith.
- iii) Suspension of performance shall be limited to that aspect of performance which is affected by Force Majeure and shall be of no greater magnitude or duration than that imposed by Force Majeure.

Survival

It is also clarified in this document that -

- A. Termination of this agreement to be executed between OPHWC and the successful Bidder shall not relieve the said successful party of any obligations devolved on account of the agreement/contract which expressly or by necessary implication survives termination; and
- B. Except as otherwise provided in any provisions of the agreement to be executed expressly limiting the liability of either party, shall not relieve either party of any obligations or liability for loss or damage to the other party arising out of or caused by acts or omissions of such party prior to the effective date of termination (Date of completion) or arising out of such termination.

Waiver

It is clarified in this document that

- A. Waiver by OPHWC of any default by the successful Bidder in the observance and performance of any provision of or obligations of under the Agreement to be executed between them:-
 - i) Shall not operate or be construed as a waiver of any other or substitute default of or other provisions or obligations under the said Agreement/contract.
 - ii) Shall not be effective unless it is in writing and executed by a duly authorized representative of such party; and
 - iii) Shall not affect the validity and enforceability of the agreement/contract to be executed between the OPHWC and the successful Bidder in any manner.
- B. Neither the failure by either party to insist on any occasion upon the performance of the terms, conditions and provisions of the said agreement/contract or any obligations there under nor time or indulgence granted by a party to the other party, shall be treated or deemed as a waiver of such breach or acceptance of any variation or the relinquishment of any such right thereunder.

APPENDIX A

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Approximate Camera Quantity and Locations

The CCTV System in Cuttack will position cameras at the following locations. At five locations connectivity will be established through RF and at the remaining location through leased bandwidth on fibre network from a telecom service provider. The camera locations have been decided keeping the following in mind:

- a) Entry and Exit points of the City.
- b) Important Road Stretches (accident prone areas).
- c) Approach Roads to Important buildings - Govt. buildings, Major Hospitals, Major School/Colleges, Major Banks, and Shopping Malls.
- d) Approach Roads to Key Travel Stations - Railway Station, Bus Stands, Taxi stands etc.
- e) Entry/Exit of Schools, Key Residential Places, Market Places.
- f) Vital installations in the city – Flyovers / Bridges.
- g) Near/Around Public Places with high footfall.

Total Camera Requirements:

A.	Camera Requirement	QTY.
Sl.no		
1	Day/Night IP Surveillance Cameras	
1.1	Fixed Camera (with Edge Based Analytics)	300 No(s)
1.2	Pan Tilt Zoom (PTZ) Camera	50 No(s)
1.3	Automated Number Plate Recognition (ANPR) Camera with illuminators	40 No(s)
1.4	Facial Recognition Camera with illuminators	10 No(s)

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List of locations and required number of cameras

S L No	Places	Net work	Fixed camera in nos	PTZ camera in nos	Latitude	Longitude	BANDWIDTH IN MBPS @ 10 Mbps per Fixed camera	BANDWIDTH IN MBPS @ 15 Mbps per P2Z camera	Aggregate BANDWIDTH IN MBPS per location
1	Mani mandirachhak	LB	3	1	20.443697	85.893794	30	15	45
2	Devi gada/purighatp. sgada	LB	3	1	20.457614	85.869212	30	15	45
3	Dpogada	LB	3		20.461676	85.85945	30	0	30
4	Belviewchhak	LB	10	1	20.466971	85.855061	100	15	115
5	Naraj barrage chhak	LB	10	1	20.482078	85.781196	100	15	115
6	Chahatachhak	LB	8	1	20.491541	85.839142	80	15	95
7	Gadagadiamand irachhak	LB	6	1	20.485643	85.870632	60	15	75
8	Nuabazarchhak	LB	12		20.452362	85.916199	120	0	120
9	Press chhak(over bridge)	LB	6	1	20.445501	85.896287	60	15	75
10	College square	LB	10	1	20.466648	85.894296	100	15	115
11	Ranihatchhak	LB	8	1	20.469129	85.889011	80	15	95
12	Mangalabagchhak	LB	8	1	20.47243	25.885681	80	15	95
13	Tinikoniabagich achhak	LB	3		20.470551	85.871248	30	0	30
14	Jail road chhak	LB	3	1	20.468472	85.869821	30	15	45
15	Choudhury bazar chhak	LB	3		20.464932	85.86698	30	0	30
16	Sbi main branch	LB	5	1	20.462982	85.858035	50	15	65
17	Chandichhak	LB	10	1	20.478243	85.863345	100	15	115

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S L No	Places	Net work	Fixed camera in nos	PTZ camera in nos	Latitude	Longitude	BANDWIDTH IN MBPS @ 10 Mbps per Fixed camera	BANDWIDTH IN MBPS @ 15 Mbps per P2Z camera	Aggregate BANDWIDTH IN MBPS per location
18	Bijupattanayakchhak	LB	4	1	20.482994	85.859752	40	15	55
19	Cda sec-6/7 market complex	LB	4		20.481143	85.835939	40	0	40
20	Cda sector 10(justice gada)	LB	4	1	20.475592	85.821294	40	15	55
21	Markatanagarp.s.gada	LB	3		20.471982	85.839475	30	0	30
22	Bidanasi bandhachhak	LB	4		20.485882	85.84236	40	0	40
23	Krushak bazar chhak	LB	2	1	20.481068	85.845638	20	15	35
24	Deulasahichhak	LB	3		20.484407	85.849313	30	0	30
25	Madhupatna crossing	LB	10	2	20.447793	85.897725	100	30	130
26	Badambadi crossing	LB	16	1	20.459938	85.881027	160	15	175
27	Khannagar crossing	LB	9	1	20.455266	85.878148	90	15	105
28	Sati choura crossing	LB	12	1	20.475326	85.850263	120	15	135
29	Baxi bazar crossing	LB	5	1	20.475133	85.874565	50	15	65
30	Jobraanicut crossing	LB	8	1	20.478726	85.900673	80	15	95
31	Sikharpur crossing	LB	14	1	20.469387	85.90645	140	15	155
32	Omp square	LB	18	2	20.457042	85.902	180	30	210
33	Jagatpur	RF	14	2	20.495633	85.92014	140	30	170
34	Ghatakulchowk	LB	6	1	20.438964	85.903682	60	15	75
35	Netaji setu-1	RF	3	1	20.466414	85.854101	30	15	45
36	Nitajisetu-ii	LB	2	1	20.4442514	85.842318	20	15	35

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S L No	Places	Net work	Fixed camera in nos	PTZ camera in nos	Latitude	Longitude	BANDWIDTH IN MBPS @ 10 Mbps per Fixed camera	BANDWIDTH IN MBPS @ 15 Mbps per P2Z camera	Aggregate BANDWIDTH IN MBPS per location
37	Madhsudan bridge-i	RF	8	1	20.486248	85.816174	80	15	95
38	Madhusudan bridge-ii	LB	4		20.510703	85.823211	40	0	40
39	Chandinchhak	LB	3	1	20.4676	85.857036	30	15	45
40	Dolmundaichhak	LB	8	2	20.462544	85.882862	80	30	110
41	Howarh motor chhak	LB	7	1	20.477149	85.881356	70	15	85
42	Cb no-1 crossing	LB	9	1	20.483094	85.870074	90	15	105
43	Bajrakabati road	LB	8	1	20.465006	85.885808	80	15	95
44	Kanikachhak	LB	9	2	20.478937	85.859176	90	30	120
45	Shelter chhak	LB	6	1	20.478842	85.851674	60	15	75
46	Nimchourichhak	LB	4	1	20.465107	85.861169	40	15	55
47	Other end of jobra barrage	LB	8	1	20.45325	85.908696	80	15	95
48	Gandhi chhak, choudhwar	RF	15	1	20.528165	85.918471	150	15	165
49	Balikudachhak	RF	9	1	20.428116	85.877627	90	15	105
50	Nakharachhak	LB	12	2	20.363067	85.890732	120	30	150

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APPENDIX –B RFQ FORMATS

COVERING LETTER – ON BIDDER’S LETTERHEAD

Date:

To
The -----

Sir,

I/We have carefully gone through the RFQ document regarding Pre-qualification of Vendors for Supply, Installation and Commissioning of City Surveillance system For Cuttack.

I/we hereby declare that

1. All the information related to our company, manpower, customer base, projects, financial details, data sheet of the products offered etc. provided in our offer is true and without any alteration / modifications.
2. All the provisions of this RFQ document are acceptable to my company. No violation of the terms and conditions as mentioned in the RFQ document has been made.
3. I/we declare that my company has not been debarred / black listed by any Government / Semi Government organizations in India/Public Sector Undertakings of the Central and State Govts.
4. The information contained in the proposal is complete and accurate in all material respects. Bidder undertakes to notify the OPHWC promptly upon Bidder becoming aware of any material fact which tends to render Bidder’s proposal misleading or inaccurate. Bidder acknowledges and agrees that any material misrepresentation or warranty made in connection with Bidder’s proposal might result in its invalidation and Bidder’s disqualification from the bidding process.
5. I/we acknowledge and agrees that OPHWC has the right not to qualify any bidder on grounds of national interest, security or public policy.
6. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully,

(Signature of the Bidder/Authorized Signatory)

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Table of Enclosures:

S. No.	Appendix	Details
1	APPENDIX 1	True Copy of Board Resolution / authorization by Managing Director
2	APPENDIX 2	Power of Attorney issued by the Bidder
4	APPENDIX 3	Contact person of System integrator
7	APPENDIX 4	Financial Capability of the system integrator
8	APPENDIX 5	Format for Qualification Requirements
9	APPENDIX 6	Format for submission of details of Building work executed
10	APPENDIX 7	Format for Declaration regarding debarred from participation/default in execution
11	APPENDIX 8	Organization Details of the Bidder
12	APPENDIX 9	Criteria of Evaluation
13	Cost of Document	Demand Draft/Money Receipt of OSPH&WC
14	EMD	Demand Draft for Rs 15,00,000/-
15	Miscellaneous	Proof of registrations, statutory registrations, clearances and other Documents mentioned in the RFQ document

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APPENDIX - 1

Format of the Board Resolution for the Bidder

BOARD RESOLUTION OF THE BIDDER /AUTHORISATION BY MANAGING DIRECTOR

The Board, after discussion, at the duly convened Meeting on _____ [insert date], with the consent of all the Directors present and in compliance of the provisions of the Companies Act, 1956, passed the following Resolution:

RESOLVED THAT pursuant to the provisions of the Companies Act, 1956 and compliance thereof and as permitted under the Memorandum and Articles of Association of the Company, approval of the Board be and is hereby accorded for placing the Bid against the Request for Qualification (RFQ) dated _____, as amended from time to time, issued by OPHWC Limited (“OPHWC”) in Odisha, India.

FURTHER RESOLVED THAT _____, _____, _____ (Name of the Person(s)) be and is hereby authorized to enter into take all the steps required to be taken by the Company in this regard, including in particular, signing of the Qualification Proposal, making changes thereto and submitting amended Qualification Proposal, all the related documents, certified copy of this Board Resolution or letter, undertakings etc., required to be submitted to OPHWC or such other documents as may be necessary in this regard.

Certified True Copy

Notes:-

1. This certified true copy of the Board Resolution should be submitted on the letterhead of the company, corporation or entity, signed by the Company Secretary or any of the authorized Directors of the Company and the rubber stamp for the company, corporation or entity shall be affixed.
2. The contents of the format of the Board Resolution should be suitably re-worded indicating the identity of the company, corporation or entity passing the resolution i.e. the Bidder.

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APPENDIX – 2

FORMAT FOR POWER OF ATTORNEY TO REPRESENT BIDDER

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)

WHEREAS OPHWC Limited (“OPHWC”) has invited Expression of Interest (“RFQ”) on _____, as amended from time to time, for bids in respect of CCTV based City Surveillance Project in CUTTACK (“Project”).

Know all men by these presents, We.....(name and address of the registered office) do hereby constitute, appoint and authorize Mr. / Ms.....(name and residential address) who is presently employed with us and holding the position of as our lawful attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for the Project in Odisha India, including signing and submission of all documents and providing information / Bids to OPHWC Limited, representing us in all matters before OPHWC Limited, and generally dealing with OPHWC Limited in all matters in connection with our bid for the said Project.

The attorney has been duly authorized and vested with requisite powers to submit and execute the aforesaid documents and do all things necessary for our bid to OPHWC. We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

For _____

Company Seal

Accepted

..... (signature)

(Name, Title and Address of the Attorney)

Note:

- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- In case the RFQ is signed by an authorized Director of the System integrator, a certified copy of the appropriate resolution conveying such authority may be enclosed in lieu of the Power of Attorney

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APPENDIX – 3

Contact person of the System integrator

1. Details of individual (s) who will serve as the point of contact / communication with OPHWC:

Name	
Designation	
Company	
ADDRESS	
Telephone	
E-Mail Address	
Fax Number	
Mobile Number	

2. Name, Designation, Address and Phone Numbers of Authorized Signatory of the System:

Name	
Designation	
Company	
Address	
Telephone Number	
E-Mail Address	
Fax Number	
Mobile Number	

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APPENDIX -4

FORMAT FOR QUALIFICATION REQUIREMENT

[On the letter head of Bidder]

Financial Capability of the system integrator

This is to be filled by the System integrator and certified by the Statutory Auditor.

Name of Project Developer	Net Worth (INR Crores)*	Turnover (INR Crores)*

*As per audited annual financial statements during the 3 financial years, ending 31.3.19.

Please attach the audited annual reports supporting the figures stated.

To be authenticated with signature & company seal of the Bidder.

General Instructions:

1. Net Worth for Company = (Subscribed and Paid-up Capital + Reserves) - (Revaluation reserves + Miscellaneous expenditure not written off + Intangible assets + accumulated losses)
2. Turnover shall mean the total turnover/revenue as appearing in the Audited Financial Statements
3. The financial year would 01 April of any calendar year to 31st March of the next calendar year.
4. The System integrator/bidder shall provide the audited annual financial statements as required for this RFQ. Failure to do so would be considered as a non-responsive RFQ.
5. The System integrator/bidder must clearly indicate the calculations and references in the financial statements in arriving at the above numbers in an attached worksheet.
6. This submission shall be certified by the statutory auditor. The independent auditor issuing the certificate must clearly indicate his/her membership number assigned by the Institute of Chartered Accountants of India (ICAI).

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Appendix- 5

Details of Experience, Technical and Managerial Capability

Please furnish a write up (not more than 1000 words on each of the following points) for each of the projects (Any surveillance project using not less than 200 IP based cameras and a control room with virtualized servers and analytics) that you have executed. The information provided here will be used for evaluation of your bids as per the Evaluation Criteria in Appendix 9.

1. General description of the Project(s)-

It must include the following information

- Name, address and location of the customer (only those within India)
- Location of the Customer
- Value of the order (Attach copy of the purchase/work order)
- Date on which order was received
- Date on which order was executed (Attach handing over/acceptance certificate)
- If any sub Systems Integrator was used then its name and work executed by it.

2. Description of the Project(s)

Technical aspects

- Cameras and all other equipment used in the network with detailed and exact technical specifications, model no and manufacturer
- List all the OEMs whose equipment you have used and the exact customer for where it is being used.
- Detailed description of the control room with components, server specs, UPS specs, storage capacity and retrieval system
- Use of media for bandwidth and
- Has the system been upgraded after hand over to the user.(Attach order)
- Any other equipment connected to the network

Operational aspects

- Who is maintaining the installation
- Maintenance on warranty or AMC basis

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- Inventory of spares maintained at the site
- Tools and tackles used for installation and maintenance
- Manpower deployed for maintenance
- Service center location
- Assured service level

Financial aspects

- The AMC charges (Attach copy of the order)

General aspects

- Please mention whether all the projects done by you in CCTV surveillance are being maintained by you.
- If not then give reasons for which it has been stopped?

Detailed information including name, phone number, email id, designation and office address of the person from the customer side interacting with you.

Notes:

1. The Years indicated above are Financial Years.
2. The Bidder shall submit the Audited Annual Report enclosing detailed financial statement, if required, for the relevant Years;
3. Along with the above format, in a separate sheet, details of computation of the Annual Turnover shall be provided by the Bidder, duly certified by Chartered Accountant.

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APPENDIX – 6

Format for submission of details of Similar work executed

Sl No	Name of Project	Name of Client with detailed address (postal and E- mail)	Month /Year of Award	Com pleti on time - mont hs	Value- Rs million	Completion and Hand over time (month)	Numb er of Units	AMC Include d (Y/N)	Completi on Certificate attached (Yes/No)	Any other relevant facts
1										
2										
3										
4										
5										

For [Insert name of Bidder]

(Please affix the signature and company seal of the Bidder)

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APPENDIX - 7

FORMAT FOR DECLARATION REGARDING DEBARMENT FROM PARTICIPATION/DEFAULT IN EXECUTION

[On the letter head of Bidder]

Date:

To,

The -----
The Odisha State Police Housing & Welfare Corporation Ltd,
Janpath, Bhubaneswar-22

Dear Sir,

Sub: Certification of being not barred by Govt. from participation / defaulted in execution of any contract with respect to Section 7.15 of the Request for Qualification (RFQ).

We are submitting an RFQ

We _____ (Name of the Bidder) certify that

- (a) We have not been barred by the Central, State or other Government in India, reputed private institutions or in the jurisdiction of the Bidder, from participating in any project of the nature of building construction, and no bar subsists as of date of the issue of RFQ.
- (b) In the last 3 (Three) Financial years and up to 31 01 2020 of the current financial year, we have not defaulted on any contract, as evidenced by imposition of an award by an arbitral or judicial authority or a judicial pronouncement or arbitration award , or have been expelled from any project or contract, or have had any contract terminated for breach of such award.

Thanking you,

For [Insert name of Bidder]

(Please affix the signature and company seal of the Bidder)

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APPENDIX - 8

ORGANISATION DETAILS

Please fill in the following proformas for providing the information. Please provide all the required information on separate sheets, if required, but strictly as per the proformas. The pages of the information submitted shall be numbered sequentially and the page number of each answer should be noted against the respective item below on this original format. Attachment, if any, to this document may be numbered as Appendix 8, and so on.

1.1. Business profile of the Bidder

Bidder shall provide its business profile in detail. Bidder shall also provide information on its corporate management structure pertinent to the control and management of the Project, including relevant experience, resource availability, financial stability, corporate structure (if appropriate), and safety and environmental records and programs. General information should also be provided on corporate resources and capabilities including information on location and resources of offices in which work will be done, and current and future workloads of those offices.

1.2. Details of the Bidder:

- 1.2.1. Name of Bidder
- 1.2.2. Legal status: (e.g. incorporated private company, unincorporated business, etc.)
- 1.2.3. Country of Origin:
- 1.2.4. Year of incorporation:
- 1.2.5. Principal place of business:
- 1.2.6. Address of the Company:
- 1.2.7. Contact Person, Telephone No., Fax No., E- Mail Address

1.3. For the Bidder, state the following information

- 1.3.1. Names and titles of Directors
- 1.3.2. Are there any pending litigations against the Bidder? [Yes/No]
- 1.3.3. If “Yes”, please furnish the list and provide explanation. Bidders found to be habitual of repeated litigation are liable to be disqualified.
- 1.3.4. Are there any pending litigations on “Intellectual Property Rights” against the Bidder? [Yes/No]
- 1.3.5. If ‘Yes’, please provide details of “Intellectual Property Rights” issues if any, related to the Bid for this project.

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- 1.3.6. Extent of participation (including planning and deployment of key personnel) by the Bidder for the proposed work?
- 1.3.7. Has the Bidder ever failed to complete any work awarded or has been levied liquidated damage for delay in completion of work in the last 5 years? [Yes/No]
If “Yes”, please furnish the list and provide explanation.
- 1.3.8. Has the Bidder/Technically Qualified company, corporation or entity been blacklisted by any Government Department / PSU/Private Company? [Yes/No]
If “Yes”, please furnish the list and provide explanation.
- 1.4. PAN (Permanent Account Number) of Bidder:
- 1.5. Goods and Service Tax details of the Bidder:
- 1.6. General Organization chart of Bidder/Technically Qualified company, corporation or entity :
- 1.7. List of contracts booked / under negotiations for the next three years for the Bidder :
 - 1.7.1. Contracts under execution and completion time.
 - 1.7.2. Contracts under negotiations and completion time
- 1.8. Names of Responsible persons and their designation: (for handling all aspects of this tender/order) in the following Format.

Person	Designation	Based at	Telephone /E-mail/Fax
--------	-------------	----------	-----------------------
- 1.9. People Information
 - 1.9.1. People in Engineering discipline: (Electrical, Electronics, Mechanical, Safety etc.)
 - 1.9.2. People in non-engineering (HR, Finance, Admin etc.)

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APPENDIX 9

Important: RFPs will be issued only to the RFQs securing minimum 70 marks in the evaluation system described below.

Criteria of Evaluation

DESCRIPTION	MARKS
1. Turnover (check note 1 below for break up)	20
2. EXPERIENCE	80
2A. Functional CCTV surveillance system in any wide area /sensitive installations from security point of view with at least 200 IP based cameras and other installations as per Appendix 10 - A. * (Please see the note 2 below for break up)	25*
2B. Using Video Analytics (central and edge)	5 +5
2C.Using artificial intelligence based video analytics	05
2D. Creation of control room civil and electrical infrastructure including air-conditioning, UPS, Fire protection and data works	5
2E. Networking using combination of connectivity through wire, wireless System and bandwidth from Telecom service provider.	10
2F. Integration with Traffic management system / PCR Vans	05
2G. Satisfactory post installation support at least for 3 years for completed surveillance projects or those meeting the criteria in Appendix 10-A (Attach appropriate certificate from authorized person of the customer or AMC renewal as supporting document)	15
2H. Bid capacity exceeding 2 times the estimated value of the project	5

Note:

1. Breakup of the marks for the score in SL 1 above is as follows.

Rs 20 cr – to 30 cr	= 2 Marks,
Rs30 crore to Rs50 crores	= 6 marks
Rs50cr to Rs 80 crores	= 14 marks
More than Rs80 core	= 20 marks
2. The breakup of 2A above is as follows
 - For each completed surveillance network with minimum 100 IP cameras- - 5 marks
3. Break up of 2E: 2 mark for connectivity using captive fibre network, 4 for using wireless and 4 for using bandwidth from a telecom service provider.
4. Weightage for 2G - For each project subject to maximum 5 such projects - 3 marks

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APPENDIX 10

	Eligibility Criteria	Supporting document
A	The Bidder must have integration experience in CCTV network, analytics, Command center and control room including virtually created servers, storage, active & passive networking and relevant civil infrastructure works. During the last 5 years (FY 2014-15 to FY 2018-19) the Bidder shall have experience of successful execution (including supply, installation, testing & commissioning, maintenance support) of CCTV surveillance networks covering Open Ground. Of those projects at least 3 each should have value not less than Rs 8 cr or at least 2 projects should have value not less than Rs 10 crore or at least 1 project should have value not less than Rs 16 crores.	Copy of work order & Completion Certificate shall be enclosed by the bidder. For ongoing projects (if any) clear project status attested by end customer to be submitted.
B	The Bidder shall be registered in India under Companies Act 1956 for at least for 5 years as on 31/03/2019.	Certificate of Incorporation
C	The Bidder's Turnover during last 3 years, ending 31.3.19 shall be at least Rs. 20 Crores each year.	Copy of the audited financial statements/Audited Balance Sheet along with CA Certified Statement for the relevant period
D	The Bidder's Net worth must be positive each year during last 3 years, ending 31.3.19.	Copy of the audited financial statements/Audited Balance Sheet along with CA Certified Statement for the relevant period.
E	The bidder must have bid capacity exceeding the project estimate. Bid capacity to be calculated as per the method given below in "Note".	All documents as mentioned in Annexure 6 in this document and that in the schedule given below.

Note: For "E", the bid capacity of the bidder to meet minimum qualification shall be evaluated as per following: -

Applicants who meet the minimum qualification criteria will be qualified only if their available bid capacity at the expected time of bidding is more than the total estimated cost of the works.

Bid Capacity: 'C' = A x N x 2 – B,

Where, A= Maximum value of works executed in any one year during the last five years (updated to the current price level), rate of inflation may be taken as 10 per cent per year(escalation factor) which will take into account the completed as well as works in progress,

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B= Value at current price level of the existing commitments and ongoing works to be completed during the succeeding period (period of completion of works for which bids are invited); and

N= Number of years prescribed for completion of the works for which the bids are invited.
(for work completion period less than one year the value may be taken as one year)

The statement showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the authorized signatory of the customer who has placed the order.

Total value of order received in the last 5 years with certificate from Chartered Accountant showing the value of existing commitments and ongoing works as well as stipulated period of completion which shall be supported by order documents and certificate from the authorized signatory of the customer.

SCHEDULE

Description of works	Place & State	Contract No	Name & Address of Customer	Value of contract (Rs. In lakhs)	Stipulated period of completion	Value of works remaining to be completed (Rs. In lakhs)	Anticipated date of Completion.

The above information is to be certified by the Engineer in Charge / Employer not below the rank of Executive Engineer or equivalent. In case of there is no existing commitment and ongoing works, the bidder will furnish an affidavit to that effect.