BID DOCUMENT

EXPRESSION OF INTEREST

FOR

SUPPLY, INSTALLATION, COMMISSIONING AND COMPRESSIVE MAINTENANCE (3 YEARS)

FOR

CCTV SURVEILLANCE SYSTEMS

IN

RESIDENTIAL HIGH SCHOOLS AND ASHRAM SCHOOLS

OF

SSD DEPARTMENTS

NAME OF THE WORK:

CCTV Surveillance in

Residential High Schools and Ashram Schools

of SSD Departments



The Chief Engineer

The Odisha State Police Housing & Welfare Corporation Ltd.

Janpath, Bhoi Nagar, Bhubaneswar – 22.

DATA SHEET

Serial No.	Items	Description
1	Company Name	The Odisha State Police Housing & Welfare Corporation Limited (OPHWC)
2	Address	The Chief Engineer The Odisha State Police Housing & Welfare Corporation Ltd., Janpath, Bhoi Nagar, Bhubaneswar – 22.
3	EOI Reference Number	36/OPHWC/ELECT/2018-19
4	Date of Issue of EOI	From 11/01/2019
5	Last Date for Submission of EOI Response	31/01/2019 up to 15:00Hours
6	6 Cost of EOI document Rs. 5900 /-	
7	EOI validity period	90 days from last date of submission of bid
8	Currency of EOI	Indian Rupees
9	Language of EOI	English
10	Website	www.ophwc.nic.in

The EOI document canbe downloaded at the website mentioned above from 11/01/2019 to 31/01/2019 up to 01:00 P.M. The potential bidders who download the tenders from the website should submit a demand draft of Rs.5900/- at the time of submission of EOIresponses. The cost of bid documents in demand draft issued from any Nationalised Scheduled Bank should made in favour of "The Odisha State Police Housing & Welfare Corporation Limited" and payable at Bhubaneswar.

Sd/-Chief Engineer

Contents

DISCLAIMER	6
PROPRIETARY NOTICE	
About OPHWC:	
Purpose of this EOI	
The Scope of Work	
The Prequalification Process and General Conditions	12
OEM Criteria	20
Pre-Qualification Criteria for Systems Integrator	21
Response Requirements	24

DISCLAIMER

The Odisha State Police Housing & Welfare Corporation Limited (**OPHWC**) intends to select a select a Bidder for supply, installation, commissioning and provide compressive maintenance (3 years) for CCTV surveillance systems in residential high schools and ashram schools of SSD departments. OPHWC intends to select well-established, experienced Biddersto execute the work with best of technology available to reduce the TCO and maintain the setup for next 3 years post installations. This document has been prepared based on available information in OPHWC and other publicly available documents, which OPHWC believes to be reliable. The sole objective of this document (the Expression of Interest) is to solicit response from interested parties for taking part in the future process leading to selection of consultant / companies to conduct the survey and submit its report. OPHWC reserves the right to discontinue with the selection process of the bidder without assigning any reason thereof.

While this document has been prepared in good faith, no representation or warranty, express or implied, is or will be made, and no responsibility or liability will be accepted by OPHWC or any of their employees, advisors or agents as to or in relation to the accuracy or completeness of this document and any liability thereof is hereby expressly disclaimed. Interested Parties may carry out their own study/ analysis/ investigation as required as part of their due diligence before submitting their responses.

This document does not constitute an offer or invitation, or solicitation of an offer, nor does this document or anything contained herein, shall form a basis of any contract or commitment whatsoever.

Some of the activities listed to be carried out by OPHWC subsequent to the receipt of the responses are indicative only. OPHWC has the right to continue with these activities, modify the sequence of activities, add new activities or remove some of the activities, as dictated by the best interests of OPHWC.

PROPRIETARY NOTICE

This document contains confidential information of OPHWC, which is provided for the sole purpose of permitting the recipient to evaluate the proposal submitted herewith. Inconsideration of receipt of this document, the recipient agrees to maintain such information in confidence and to not reproduce or otherwise disclose this information to any person outside the group directly responsible for evaluation of its contents, except that there is no obligation to maintain the confidentiality of any information which was known to the recipient prior to receipt of such information from OPHWC or becomes publicly known through no fault of recipient, from OPHWC or is received without obligation of confidentiality from a third party owing no obligation of confidentiality to OPHWC.

Expression of Interest

To

Supply, install, commission and provide compressive maintenance (3 years) of CCTV surveillance systems in residential high schools and ashram schools of SSD departments.

About OPHWC:

The Odisha State Police Housing and Welfare Corporation Limited (OPHWC) 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 with enhanced priority as a welfare measure.

During more than 35 years of its existence, the OPHWC has developed expertise in planning, designing and construction of residential and non-residential buildings for the Police, Fire Services, Prison Administration and Judiciary. 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 OPHWC 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, and Vocational Training Institutes for Industries Department etc. Starting with a turnover of Rs. 13.70 Lakh in the year 1980-81, the Corporation has been able to post a figure of more than Rs. 400 Crores in the financial year 2016-17.

Applying the parameters as laid down in the criteria for categorization of PSUs the Government of Odisha has categorized the OPHWC as 'Silver' in the year 2011. The corporation also an ISO 9001:2015 certified Company.

OPHWC has identified Innovation as one of the key enablers in its modernization and productivity improvement drive and has decided to deploy integrated systems across the major functions of the organization to exploit the full potential of Technology.

Purpose of this EOI

The SSD Department intends to install CCTV surveillance systems in all Girls residential high schools and ashram schools to overcome the shortcomings in the security at `ashram' (residential) schools for tribal girls. This EOI is for 1120 identified location across different districts in Odisha. Vision of the project is to implement holistic and integrated video surveillance system that would be accessible to Girls in the hostel to monitor the entrance as well the approach roads leading to the girl's hostel. This system shall also have the capabilities to get integrated with surveillance systems of different stakeholders with the objective of enhancing safety and security in the campus.

- The purpose of Surveillance is to assist in and raise alarm to overcome the shortcomings in the security.
- It will assist the girls in monitoring unwanted incidences or unacceptable activities within the coverage area.
- Information obtained through video monitoring will be used exclusively for security, disciplinary and Public policy enforcement and/or law enforcement purposes.
- Access to video monitoring footage and other data is limited only to girls in the hostel.
- Video monitoring of the setup will be conducted in a manner consistent with all existing policies.
- The system will help the girls to contact the police / authorities in times of need.
- Monitoring of suspicious people, vehicles, objects etc. with respect to protecting life and property in the campus.

Based on the evaluation of EOI received, interested bidders found acceptable by OPHWC based on the technical and commercial selection criteria set out, will be short-listed and Work Order would be issued.

Typical following points have to be kept under consideration:

- Entry and Exit points of the Hostel
- Approach Roads
- Each set-up (location) to have 3 Camera
- Prior to installation the design and location has to be approved by the committee formed in combination of WO, Head Master / Mistress from SSD Dept., APM (Elect.) from OPHWC, appointed CCTV Consultant and Technical engineer from Bidder

The Scope of Work

The Bidder has to supply, install, commission and provide compressive maintenance (3 years) for CCTV surveillance systems in all girls' residential high schools and ashram schools of SSD departments. The Locations that would be identified/ proposed for CCTV camera installations should cover the entry and exit points to the hostel, and approaching roads in the respective installations, after taking confirmation from the committee formed to oversee the entire projects.

- 1. The bidder is required to conduct a detailed site survey for each identified installations and prepare a design, which has to be approved by the committee. The bidder shall submit the project plan that should include the following:
 - a. Design and connectivity diagrams for all the locations, approved by the constituted committee.
 - b. Design the do's and don'ts signage along with the following details:
 - i. Installation Date
 - ii. WarrantyDate
 - iii. Contact details for Complain registration
 - iv. Terms for do's and don'ts
- 2. Potential bidder needs to arrange a project kick-off session with the respective committee to set the expectation before the start of the Installations.
- 3. Potential bidder needs to installIP based network CCTV system along with the requisite hardware and software for the CCTV surveillance system to connect the display unit.
- 4. Potential bidder must acquaint themselves fully about the assignment and the local conditions and usage before submitting the proposal. They may visit the installation site with prior arrangement at their own cost.
- 5. Potential bidder has to specify the hardware along with recommended brands, software (preference to Opens source analytics / OS), and Connectivity topology and submit the complete BOQ to execute the Project.
- 6. The no. of camera / location may vary depending on the construction of Hostels and site conditions. Potential bidder has to factor this while participating in the EOI.
- 7. Potential bidder have to <u>suggest a mechanism to store the recoded videos in a cost</u> <u>effective manner for at-least one year</u>, and Bidder while conducting the preventive maintenance should perform the transfer of data from location to the storage.

The Prequalification Process and General Conditions

The Procurement Process

The activities leading to install CCTV surveillance systems in all Girls residential high schools and ashram schools to overcome the shortcomings in the security at `ashram' (residential) schools for tribal girls.

Invitation for EOI: OPHWC invites System Integrators to submit Expression of Interest (EOI) for selection of well-established, experienced and innovative companies for supply, installation, commissioning and provide compressive maintenance (3 years) for CCTV surveillance systems in all girls' residential high schools and ashram schools of SSD departments. A notice inviting for Expression of Interest has been published in leading daily newspapers and uploaded in OPHWC website www.ophwc.nic.in, as per standard practice of Government. This document with key details of the project and response formats is available for all potential and interested bidders through website or through the OPHWC office. Two-part bid system shall be adopted, i.e., Techno-Commercial Offer and Price Offer.

Receipt of responses: The responses from potential bidders who are interested in participating for the selection process should submit the bid inthe technical / commercial EOI. Two separate sealed covers with technical bid marked clearly as "**Technical Bid**" and financial proposal marked as "**Financial Bid**" should be submitted at the designated place, on a designated date and time as specified in this document.

Evaluation of responses: The information provided by the potential bidders as part of the response to this EOI will be evaluated against the conditions specified in the EOI to qualify for the subsequent processes of financial bid opening and subsequent system integrator selection. Bids will be opened in presence of bidders / representatives who chosen to be present on the designated date and time.

First, the technical bids will be opened and their documents will be page numbered and signed by the Screening Committee Members.

Secondly, the bidder have to submit the sample of the CCTV, NVR, Switch, and CAT6 cable as a proof to validate against the specified specification in this EOI. Subsequent verification to be done post installation with the sample.

Evaluation of the Proposals: The responses from bidders, who submit their technical proposals against the requirements of OPHWC specified in the EOI, will be evaluated.

Financial bids of only the technically qualified agencies/ organizations/ institutions will be opened in presence of representative of technically qualified agencies (who choose to be present) on the suitable date and time that will be inform later by telephone and e-mail.

After opening of the financial bid, Evaluation Committee will again meet and negotiate with the lowest bidder to arrive the negotiated rate.

Right to Terminate the Process:

- OPHWC makes no commitments, explicit or implicit, that this process will result in a business transaction with anyone
- This EOI does not constitute an offer by OPHWC. The bidder's participation in this
 process may result in OPHWC selecting the bidders to engage in further responses,
 discussions and negotiations towards execution of a final contract. The
 commencement of any subsequent procurement activity resulting out of this EOI
 does not signify a commitment by OPHWC either to continue the activities or to
 culminate such activities with a definitive contract.
- OPHWC reserves the right to withdraw this EOI if it determines that such action is in the best interest of the organization without assigning any reason whatsoever. Shortlisted bidders would be issued formal Request for Proposal inviting their technical and commercial bids later, provided OPHWC decides to go ahead with the process.
- OPHWC undertakes that all the information shared by the bidders will be held in strict confidence and will not be made public unless directed by court of law or under RTI norms.

Authenticity of the Information and Right for Verification

- OPHWC reserves the right to verify all statements, information and documents submitted by the potential bidder in response to the EOI. Any such verification or lack of such verification by the OPHWC shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the OPHWC there under.
- In case it is found during the evaluation of the responses or at any time during the
 subsequent procurement process or before signing of the contract or after its
 execution and during the period of project execution resulting out of the contract
 thereof, that one or more of the pre-qualification conditions have not been met by
 the bidder, or the bidder has made material misrepresentation or has given any
 materially incorrect or false information, the bidder shall be disqualified forthwith if
 not yet awarded the contract either by issue of the letter of intent or entering into a
 contract.

Additional Conditions

 Timing and sequence of events resulting from this EOI shall ultimately be determined by OPHWC

- Responses are subject to rejection if they limit or modify any of the terms and conditions or specifications of this EOI
- Neither the bidder nor any of bidder's representatives shall have any claims whatsoever against OPHWC or any of its respective officials, agents, or employees arising out of or relating to this EOI or these procedures (other than those arising under a definitive service agreement with the bidder in accordance with the terms thereof).
- The Bidder should not bid under any Consortium. No Consortium bid shall be allowed for this EOI.
- The decision of the Corporation about selection of Vendors for issue of Prequalification applicants will be final. The Corporation is not bound to assign any reason thereof
- The bidder should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of India or any State Governments or any PSU in the country of India. (To be furnished under Notarized Affidavit made at Bhubaneswar)
- The bidder must not have any history of defaulting in execution of work orders issued by Government of India or any State Government or PSU in the country of India. A self-declaration certificate to this effect should be enclosed. (To be furnished under Notarized Affidavit made at Bhubaneswar)
- The bidder has not been blacklisted by any Central/State Government institutions / undertaking and there has been no pending litigation with any government department because of similar services. (To be furnished under Notarized Affidavit made at Bhubaneswar)
- No Criminal Proceedings in any Court of Law should pending against the bidding Firm
 Or its Promoters Or its Directors Or its Executives. (To be furnished under Notarized
 Affidavit made at Bhubaneswar)

Amendment to bid documents:

- At any time, prior to the date of submission of bids, OPHWC may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bid documents by amendments.
- The amendments/Corrigendum will be notified on OPHWC Website and these amendments will be binding onthem. Bidders are advised to visit OPHWC Website regularly for updates on this Tender.

Extension of time: In order to give prospective bidders required time in which to take the amendments into action in preparing their bid, OPHWC may at its discretion extend the deadline for submission of bid suitably.

Submission of Bids:

Only physical bids received by OPHWC office will be considered for opening. Bids sent through fax or email will not be considered.

The Bid should be submitted in a sealed cover in two parts as under

- a) **Technical Bid:** Envelope should subscribed "*Technical bid for Supply, Installation and maintenance of CCTV Surveillance in Residential High Schools and Ashram Schools of SSD Departments*". It should contain the EOI Fee and all details as mentioned in Technical Bid [Appendix I to V]
- b) Financial Bid: The second envelope should subscribed "Financial bid forSupply, Installation and maintenance of CCTV Surveillance in Residential High Schools and Ashram Schools of SSD Departments" and it should contain the rates etc. as per [Appendix VI].

Delivery:

- a) The successful bidder shall complete supplies strictly within the accepted delivery period. Material ordered by the OPHWC shall be delivered to destination securely packed as may be necessary.
- b) The Equipment's shall have to be delivered and installed at respective locations to the satisfaction of concerned Authority.
- c) Supply, installation, testing, commissioning of CCTV Camera along with storage and connection and other accessories required for working of CCTV Surveillance System shall have to be carried out within the agreed cost.
- d) The comprehensive catalogue, which includes instructions for Operation, Maintenance, Trouble shooting and all other areas, which are necessary for smooth functioning of equipment, shall be provided along with the equipment by the bidder.

Performance Security

a) Within 10 days of the Contractor's receipt of Letter of Intent (LOI)/P.O., the Contractor shall furnish a Performance Security in the form of a Bank Guarantee for an amount equivalent to 10% of the contract/P.O value issued by a schedule Bank from its branch in Bhubaneswar.

- b) The proceeds of the Performance Security shall be payable to OPHWC as compensation for any loss resulting from the Contractor's failure to complete its obligations under the contract.
- c) The Performance Bond will be discharged by OPHWC after completion of the Contractor's obligations including any warranty obligations under the contract.

Warranty

- a) The Bidder shall give warranty that the goods to be supplied shall be new and free from all defects and faults in material, workmanship, and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings for 3 Years.
- b) The Bidder shall be responsible for any defects that may develop under the conditions provided by the contractor and under proper use, arising from faulty materials, design or workmanship such as corrosion of the equipment, inadequate contact protection, deficiencies in circuit design and or otherwise and shall remedy such defects at his own cost when called upon to do so by OPHWC who shall state in writing in what respect goods are faulty. This warrantee shall survive inspection or payment for, and acceptance of goods, after the goods have been taken over.
- c) If it becomes necessary for the bidder to replace or renew any defective portion/portions of the equipment under this clause, the provisions of the clause shall apply to the portion/portions of equipment's replaced or renewed. If any defect is not remedied within a reasonable time, OPHWC may proceed to get the work done at the bidder's risk and expenses, but without prejudice to any other rights, which OPHWC may have against the bidder in respect of such defects.
- d) The bidder, free of all charges at site including freight, insurance and other incidental charges, shall make replacement under warranty clause.
- e) The equipment's offered shall confirm to the specifications as given in order and shall be guaranteed against defective design, defective quality material supplied, manufacturing defects etc., for a minimum period of 36 months from the date of supply of CCTV Camera.
- f) The Bidders have the right to offer warranty more than the period of warranty offered by manufacturer of the product for 36 months from the date of supply of CCTV Camera and this aspect would certainly be taken into consideration.

Sub-Letting: The Bidder cannot assign or transfer and sub-contract its interest / obligations under the contract without prior written permission of OPHWC.

Liquidated Damages:

- a) The date of the delivery of the goods/services stipulated in the acceptance of tender should be deemed the essence of the contract and the delivery must be completed not later than the dates specified therein. Extension in delivery period will not be given except in exceptional circumstances. Should, however, deliveries be made after expiry of the contract delivery period and accepted by the consignee, such deliveries will not deprive the bidder of the right to recover Liquidated Damages.
- b) In case the bidder fails to supply the goods/services against the order, the same shall be procured from other Contractors at the cost and risk of the bidder and the excess money will be recovered from any dues of the party.
- c) For late deliveries, as liquidated damages, a sum equal to 1% of the price of any goods/services not delivered or total order value in case where part delivery is of no use to a Purchaser, for a week or part of a week subject to maximum limit of 10% of the total order will be recovered from the bidder. OPHWC also reserves the right to cancel the order in such cases and forfeit the EMD/Performance Bank Guarantee and may debar the Contractor for future purchases.
- d) LD can be recovered from any dues of bidder.

Warranty and Annual Maintenance Contract:

- a) The entire CCTV System supplied and installed should be under onsite warranty of three years against all types of defects and deficiencies from the date of handing over of the system to SSD Department. Any defects found in the product/subproduct within the warranty period of 36 months shall be rectified / replaced by the bidder free of cost.
- b) During this period of warranty, servicing at two months interval or earlier without any additional cost besides attending to call back services in case of break down shall be carried out free-of-cost. This includes replacement of parts and spare parts and any number of break down call.
- c) Service in two months interval for each installed locations has to be signed and confirmed by authorized Personappointed and payment shall be deducted if the servicing were not done for any specific duration.
- d) The warranty offered by Manufacturer, CCTV camera with all its accessories will be on 36 months and additional maintenance charges in anticipation of remote locations, and Bi monthly service, the bidders should quote the rate in price bid against maintenance charges, whichshall be paid to the successful bidder on quarterly basis after deduction of applicable taxes.

- e) AMC shall be on-site comprehensive maintenance, which includes preventive as well as corrective maintenance. The bidder awarded with the maintenance contract shall carry out preventive maintenance of equipment once in every two months as per requirement and shall maintain the proper record thereof.
- f) The comprehensive maintenance shall be carried our primarily at the premises of installation on all working days during office hours or even beyond office hours or on holidays depending upon exigency of work as and when so required. In case, the service provider feels that the equipment cannot be repaired at site, they will carry and deliver the equipment at their own cost and get it repaired within 48 hours, failing which replacement shall be provided, or an amount of Rs. 300 per day per CCTV shall be payable as compensation. The bidder shall maintain proper service call sheets, which will be duly signed by the Engineer and the concerned official of the department.
- g) The agency shall ensure that the equipment is retained in its original or higher configuration and form. In the event of any downward alteration to the equipment by the agency or any attachment made thereto, the agency shall pay for any repair/replacement and adjustments required to restore the equipment to its original state. The faulty equipment parts replaced must be new and equivalent in performance of existing parts.
- h) Any contract that may result from this tender will be valid for a term of 3 years (Three Years) subject to the satisfaction of OPHWC. OPHWC will carry out an assessment after every 12 months. The contract would be renewed on a yearly basis for 3 Years and may be terminated on one-month notice if the performance of the agency is not satisfactory.
- i) OPHWC reserves the right to extend the term for a period of one year on mutually agreed terms and conditions subject to the OPHWC obligations at Law.

Force Majeure: The Bidder / Contractor shall not be liable for failure, non-performance or delays in services resulting directly or indirectly from causes beyond its reasonable control, such as, Act of God, war, act of Terrorism, nuclear risks, riots, strike, political unrest, acts of Government, its agencies or officers, or any other legitimate cause beyond his reasonable control.

OEM Criteria

The bidder shall meet the following criteria to propose a brand as part of this bid:

- The OEM of proposed Camera, NVR should have its own company registered in India (under Incorporation of Companies Act in India) since last 10 years. Any representation through a Dealer/ Distributor/ Joint Venture/ consortium shall not be treated as OEM.
- The CCTV OEM should have factory in India for manufacturing of cameras, NVR/ DVR. Valid factory license and its manufacturing process should be ISO 9001:2015 and ISO 14001:2004 certified which shall be submitted along with the bid.
- The OEM should have <u>averageturnover of Rs. 35 Crores</u> for the last three Financial Years, ending 31st March 2018.
- MAC address of camera should be registered in the name of OEM supplying the cameras.
- The CCTV OEM should have its <u>registered office OR service / support center</u> in the state of implementation of project (Odisha).
- The OEM should have ISO9001:2008 and ISO 14001:2004 certificate for manufacturing of all types of cameras & NVR / DVR. The Bidder/s shall attach the copy of the OEM's ISO Certificate along with the bid.
- "Due to security reasons, products manufactured by the **adversary** countries or having their origin from those countries are not to be quoted. Declaration on Bidder letterhead needs to be submitted.
- Any government institution should not had banned the OEM of the CCTV equipment's globally.
- All CCTV cameras offered in the project should be CE, BIS, FCC certified. Clear representation
 of proposed models shall be available in the certificate.
- The CCTV Cameras, NVR/ DVR should be from same OEM for seamless integration and ease of operation.

Pre-Qualification Criteria for Systems Integrator

The interested firms should have the credentials to meet all of the following criteria to become eligible bidders:

- Criteria related to Incorporation of Potential Bidder:
 - a) The Biddershould have been operational in India at leastfor the last Five financial years ending with 31.03.2018
 - b) The potential bidder must not be a consortium of firms.
 - c) The minimum average turnover of the <u>bidder shall be Rs. 30 Crore's</u> (Rupees Thirty Crores) for the last three years ending 31st March 2018 i.e., FY 2017-18, FY 2016-17, FY 2015-16.
 - d) Net worth of the bidder during the last financial year shall be at least one Crorer as per audited balance sheet.
 - e) The potential <u>bidder / OEM</u> should have experience of having successfully completed similar works in PSU / Govt. / Govt. Affiliated Bodies during the last 5 years ending 31st March, 2018 as per either i) or iii) below:
 - One similar work order projects in design, build, operation of CCTV Surveillance projects for minimum of 3000 cameras & the cost of such work should not be less than Rs. 6 crores

OR

ii. Two similar work order projects in design, build, operation of CCTV Surveillance projects for minimum of 1500 cameras & the cost of each work should not be less than Rs. 3 crores

OR

iii. Three similar work order projects in design, build, operation of CCTV Surveillance projects for minimum of 1000 cameras & the cost of each work should not be less than Rs. 2 crores

(Please submit copy of Purchase Order and Completion Certificate from the Client).

f) The potential <u>bidder / OEM</u> should have experience of having successfully completed similar work order (PSU / Govt. / Govt Affiliated Bodies) in Compressive Annual Maintenance contract (Similar work (order) means, "Warranty maintenance/AMC of CCTV Surveillance System".) during the last 5 years ending 31st March, 2018 as per either i) or iii) or iii) below:

 One similar work order projects in Compressive Annual Maintenance of CCTV Surveillance projects for minimum of 3000 cameras & the cost of such work should not be less than Rs. 6 crores

OR

ii. Two similar work order projects in Compressive Annual Maintenance of CCTV Surveillance projects for minimum of 1500 cameras & the cost of each work should not be less than Rs. 3 crores

OR

iii. Three similar work order projects in Compressive Annual Maintenance of CCTV Surveillance projects for minimum of 1000 cameras & the cost of each work should not be less than Rs. 2 crores

(Please submit copy of Purchase Order and Completion Certificate from the Client).

- g) The potential bidder must have executed / under execution, at least ten CCTV Locations and support for ATM / Bank surveillance projects / Police station Surveillance projects.
- h) The potential bidder must have in-house Electronics, Instrumentation and electrical engineers with verifiable proven experience in executing CCTV Surveillance Project.
- i) The potential bidder / OEM should be having its own Service Office in the state of Odishaacross different districts since last Five years ending with 31.03.2018.
- j) The potential Bidder will be required to have G.S.T Registration as on date of Bid submission.
 - (Please submit duly signed and stamped copy of G.S.T. Registration Certificate).
- k) Bidder should have valid PAN No.

Note: Bidder must provide necessary supporting documents as proof in respect of the eligibility criteria mentioned above

Response Requirements

Potential bidders may furnish their Expression of Interest by submitting the following documents in English language as per the indicated formats.

- a) Covering Letter as per the format provided in Appendix I
- b) Details about bidder organization with Supporting documents as per formats provided in **Appendix II**
- c) Supporting documents as per formats provided in **Appendix Ill**against qualifying criteria pre-qualifying criteria specified above.
- d) Litigation Impact Statement as per format in Appendix IV
- e) Technical Specification of Camera, NVR and Switch in Appendix V
- f) List of all the 1120 identified places where the CCTV surveillance has to be installed and maintained in **Appendix VI**
- g) Price Bid as per format in Appendix VII

The Expression of Interest in a sealed cover along with the cover letter and each page of the response duly signed by an authorized signatory and affixed with the company's seal must reach the following address on or before 31/01/2019 up to 13:00 hours. It isadvised that the respondents keep the response brief, concise and to the point. It is suggested that the response, including annexure, should be less than 30 pages (with a font size of 12). The respondents are requested to submit the response in printed format(hard copy), along with signed letters and supporting documents in printed formats. The covering envelope containing previously mentioneddocuments submitted should be clearly marked with "Confidential – Expression of Interest for "Supply, Installation and maintenance of CCTV Surveillance in Residential High Schools and Ashram Schools of SSD Departments". The potential bidders who download the EOI document from the website should also submit a demand draft receipt of Rs.5900/-at the time of submission of EOI responses.

Indicative Timelines for this Expression of Interest notice are given below:

Activity	Tentative date for the Activity
Publication of Expression of Interest	11/01/2019
Last Date for Submission of EOI Response	31/01/2019 up to 13:00hours
Opening of bid responses	31/01/2019 at 16:00 hours

For further details and its operations, please visit OPHWC Website www.ophwc.nic.in

The response should be sent to the following address:

The Chief Engineer

The Odisha State Police Housing & Welfare Corporation Ltd., Janpath, Bhoi Nagar, Bhubaneswar – 22.

Email: ce.ophwc.od@nic.in

If the bidder requires further clarifications, an email may be sent to this email ID jmelectricalophwc@gmail.com, for any queries on or before 18/01/2019. "[CCTV for SSD Dept. - EOI Query]" may be included in the subject line.

Sd/-Chief Engineer

Appendix I:

Cover Letter from the System Integrator

Company letterhead

[Date]

The Chief Engineer

The Odisha State Police Housing & Welfare Corporation Ltd., Janpath, Bhoi Nagar, Bhubaneswar – 22.

Reference: Notice on Expression to Supply, Installation and maintenance of CCTV Surveillance in Residential High Schools and Ashram Schools of SSD Departments

Dear Sir,

This is to notify you that our company intends to submit a response to the EOI toSupply, Installation and maintenance of CCTV Surveillance in Residential High Schools and Ashram Schools of SSD Departments.

Primary and Secondary contacts for our company are:

	Primary Contact	Secondary Contact
Name:		
Designation:		
Address:		
Mobile No.		
e-mail ID		

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to OPHWC is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the OPHWC in its short listingprocess.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the short listing process or offering or accepting unduly favors from our company in the short listing process, we are liable to be

dismissed from the selection process or termination of the contract during the project. If selected to do so, for undertaking the project for Supply, Installation and maintenance of CCTV Surveillance in Residential High Schools and Ashram Schools of SSD Departments.

It is hereby confirmed that I/We are entitled to act on behalf of our corporation/company/firm/organization and empowered to signthis document as well as such other documents, which may be required in this connection.

Dated this	Day of	2019		
(Signature)		(In th	e capacity of)	
Duly authorized to sig	n the EOI Res	ponse for and	on behalf of:	
Sincerely,				
[BIDDER'S NAME]				
Name				
Title				
Signature				
Date				
(Name and Address o	f Company)		Seal/Stamp of Bidder	
CERTIFICATE AS TO A	UTHORISED S	IGNATORIES		
I, certify that I an	n		of the, and	d
that		who	signed the above responseis authorized	d
to bind the corporation	on by authorit	y of its governi	ng body.	
Date:				
(Seal Here)				

Appendix II:

RESPONSE FORMATS & SUPPORTING DOCUMENTS

The respondent must use the following formats to provide the information on organization for the pre-qualifying criteria specified above.

Details of the Organization and its supporting documents		
Name		
Nature of the lega	al status in India	
Date of Incorpora	tion	
Date of Comment (Surveillance) Bus		
GST Registration	Number	
PAN Number		
Address of the Registered Office in India		
Address of the Service / Support Centre in Odisha		
Average turnover during last three years ending 31 st March 2018		
	FY 2017-18	
Financial Turnover	FY 2016-17	
	FY 2015-16	
Net worth during last financial year		

No. of in-house Electronics,	
Instrumentation and electrical	
engineers	

Supporting Documents

Certificate of Incorporation from Registrar of Companies (ROC), PAN, GST Certificate, Audited balance sheet, List of in-house electrical consultants

Appendix III:

RESPONSE FORMATS & SUPPORTING DOCUMENTS FOR EXPERIENCE

The respondent must use the following formats to provide the experience information as per the pre-qualifying criteria specified above.

Details of the Client Organization			
Experience in Supply, Installation and Commissioning			
Serial no.	Work Order No. & Client Address	No. of Cameras	Work Order Value
1.			
2.			
3.			
	Total		
Experience in C	Compressive Annual Mainte	enance contract	
Serial no.	Work Order No. & Client Address	No. of Cameras	Work Order Value
1.			
2.			
3.			
Total			
Experience in CCTV installations and support for ATM surveillance projects OR Bank surveillance projects OR Police station Surveillance projects			
Serial no.	Work Order No. & Client Address	No. of Cameras	Work Order Value
1.			

2.			
3.			
	Total		
Supporting Do	cuments		
Self-attested Work orders along with Completion Certificate.			

Appendix IV:

LITIGATION IMPACT STATEMENT

[Date]

The Chief Engineer

The Odisha State Police Housing & Welfare Corporation Ltd., Janpath, Bhoi Nagar, Bhubaneswar – 22.

Reference: Notice on Expression to Supply, Installation and maintenance of CCTV Surveillance in Residential High Schools and Ashram Schools of SSD Departments

Dear Sir,

We have read and understood the contents of the Notice on Expression of Interest and pursuant to this hereby confirm that we satisfy the eligibility criteria laid out therein.

We hereby confirm that save as may be set out in the schedule attached to this statement, there is no litigation (including court, arbitration and other proceedings), inquiry or order from any regulatory authority, current or pending against us. Which if adversely determined might have material adverse impact on our ability to carry on our business or pay our debts as they fall due or on our ability to enter into any of the transactions contained in or contemplated in respect Supply, Installation and maintenance of CCTV Surveillance in Residential High Schools and Ashram Schools of SSD Departments.

(Signature)	(In the capacity of)
Duly authorized to sign the EOI Response	for and on behalf of:
Sincerely,	
[BIDDER'S NAME]	
Name	
Title	
Signature	
Date	

Appendix V:

Technical Specifications

2MP Fixed IP Bullet Camera				
S.No	CAMERA PARAMETER			
1	Image sensor	1/2.7" progressive scan CMOS		
2	Min. illumination 0.01Lux @(F1.2,AGC ON), 0.014 Lux @(F1.4,AGC ON), 0 Lux with I			
3	IR Distance	upto 30-40 Mtrs		
4	Electronic Shutter	Auto(1/3s-1/30000s Adjustable)		
5	Lens	6mm Angle of view: 55.4°		
6	Other Features	HLC/BLC, WDR (120dB), 3D-DNR, Defog, AGC		
7	S/N ratio	≥60db (AGC OFF)		
8	Video compression	H.265/H.264/MJPEG		
9	Frame Rate	Main Stream 1920*1080@1~25fps; Sub Stream 704*576@1~25fps, Third Stream 1280*720@1~15fps		
10	ROI	Support 4 Zones, Multi-stage level		
11	Motion detection	4 Zones		
12	Privacy Masking	4 Zones		
13	Video Analytics	Audio Detection, Face Detection, Line Crossing Detection, Intrusion Detection, Region Entrance, Region Exiting, Abandoned Object, Missing Object, Density detection, Object Counting, Loitering Detection, Crossing A Fence, Scene change detection, Color Cast Detection, Defocus detection		
14	Pre-Post Alarm	0-5 Sec Pre & 1-120 Min Post		
15	Event linkage	Snapshot, SD card video, FTP upload , Email		
16	Network			
17	Network Storage	NAS (Support FTP), FTP		
18	Alarm Trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, st orage exception		
19	Protocols	IPv4,IPv6,TCP/IP, ICMP, ARP,HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS		
20	System Compatibility	ONVIF (Profile S),ISAPI ,CGI,PSIA		
21	Ethernet	1 RJ45 10M/100M Ethernet port		
22	Audio In	Built in Mic		
23	SD card	Support Max 128G, Micro SD (SDHC /SDXC) card local-storage		
24	GENERAL			
25	Operating tempera ture	-30 °C ~ 70 °C Humidity 95% or less (non-condensing)		
26	Ingress protection	IP67 Complaint, IP66 Certified: EN/IEC 60529		
27	Vandalism protection	IK10 Compliant		
28	Power Supply	DC 12V ± 10%,PoE (802.3af, class 3)		
29	Product Certification	Safety: CE, FCC, IS 13252 (Part 1): 2010, BIS Registered, IEC 60950-1:2005 Temperature & Humidity: IS 9000/ EC 60068/ BS EN 60068		
	Continuation	Temperature & Hamilary, 15 5000/ EC 00000/ B5 EN 00000		

		4 Channel NVR, 2 SATA
S.N o		Specification
1	Operation System	Embedded Linux
2	Network throughput	200Mbps
3	No. of Channels	4ch
4	Audio Input	1ch,RCA Interface(Line in,2Vpp,300ohms),Voice Talk Multiplexing
5	Video Output	1CH HDMI, 1CH VGA, 1CH CVBS Output
6	Audio Output	1ch,RCA Interface(Line out,2Vpp,300ohms)
7		Main Stream Up to 3264x2448
8	IP Channel Resolution	Sub StreamD1 MAX
9	Video Decode Standard	H.265+, H.265, H.264
10	Audio Decode Standard	G.711A,G711U,G726
11	Multi-channel Playback	4Ch
12	Playback	4ch 1080P@30FPS
13	Intelligent Function local	1CH Face Detection or 1CH Intrusion Detection (Support any ONVIF Camera)
14	Intelligent Function	Face detection, Area-cross detection, Line-cross detection ,Through the fence detection, Object left, Object missing, Retrograde Detection, Wandering Detection, Wrong color detection, Image blur detection, Camera shift detection (Support intelligent Camera)
15	Voice Talk	Two-way Voice Talk (Shall be possible to make two way communication to any selected camera)
16	Motion Detection	Each Channel Support 396 (22×18) Detection Area; Support Multi- level Sensitivity
17	SATA Port	2
18	Maximum Capacity	6 TB Per SATA Port or Better
19	Network Port	1 RJ45;10M/100M/1000M Suitable Ethernet Port
20	USB Port	2 USB 2.0 (1 on front panel, another on back panel)
21	Alarm Input	8ch Input
22	Alarm Output	4ch Relay NO/NC
23	RS-485	1ch,Half-duplex
24	Power Supply	DC +12V 3.3A
25	Operation Temperature	-10°C+55°C
26	Operation humidity	10%90%
27	Certification	CE, FCC,EN and BIS Registered

S.No	Desired Specification/Qualitative Requirement
1	4-Port Gigabit Unmanaged PoE Switch
2	4 ports support 802.3af & 802.3at PoE protocols and total POE budget of 68 W.
3	Plug-and-play device that requires no additional configuration after installation
4	Switch should have fanless design for significantly reducing noise when operating
5	Set of diagnostic LEDs which display the status and activity of each port on the device, allowing the user to quickly detect and correct problems if they occur.
6	Switch should have safety functions to prevent an unexpected overload of PoE power. In the event of such an overload, the Switch will immediately cut off the power supply to any connected powered device, protecting both the PoE device and the Switch from being damaged.
7	Switch should have Kensington Security Lock, for built-in physical Kensington security lock.
8	switch should have DC Power Jack , Input jack for the power adapter
9	Switch should have screw is used to secure a grounding wire to connect the Switch to ground.
10	Switch should support 4 levels of transmission queues to prioritize important traffic; Switch will check the priority tags in the packets and map them into corresponding queues.
11	Switch should support IEEE 802.3az Energy Efficient Ethernet (EEE), which constantly monitors all ports for data transmission and will put inactive ports in sleep mode to save power.
12	Performance Switching Capacity: 16 Gbps, Max. Forwarding Rate: 11.90 Mpps, Forwarding Mode: Store-and-forward Packet & Buffer memory: 192 Kbytes
13	Switch should support Cable diagnostics feature
14	Environment: Acoustic: 0 dB (fanless), Operation Temperature- Device: 0 to 50 °C, Storage temperature -40 to 70 °C, Operation & Storage humidity: 0% to 95% RH.
15	Emission (EMI) Certifications: FCC class B, CE Class B, VCCI Class B, RCM ,BSMI
16	Safety Certifications: cUL , LVD , BSMI

(Signature)

(In the capacity of)

Duly authorized to sign the EOI Response for and on behalf of:

Sincerely,

[BIDDER'S NAME]

Name

Title

Signature

Date

Seal/Stamp of Bidder

SI No.	District	Black Maine	Name of School	Stho
1	Angul	Angul	Baghamunda AS	AS Cotton
2	Angul	Angul	Tuluka AS	AS
3	Angul	Athamallik	Rainall AS	ΛS
4	Angu1	Banarpal	Tentolaj AS	AS
5	Angui	Kanlha	Dalak AS	AS
6	Angul	Kaniha	Deranga HS	HS
7	Angul	Kaniha	Kalladama AS	AS
8	Angul	Kaniha	Pallasbahali AS	AS
9	Angul	Kishorenagar	Kusuni AS	AS
10	Angul	Kishorenagar	Phulamba HS	HS
11	Angul	Pallahara	Allori AS	AS
12	Angul	Pallahara	Bandhabhuin GHS	GHS
13	Angul	Pallahara	Jamardihl AS	As
14	Angul	Pallahara	Kamparkala AS	AS
15	Angul	Pallahara	Karadapal AS	AS
16	Angul	Pallahara	Malayagiri (Muktapur) HS	НS
17	Angul	Pallahara	Naikanīpali AS	AS
18	Angul	Talcher	Kandhabereni AS	AS
19	Balasore	Balasore	Hasanpur AS	AS
20	Balasore	Balasore	Pinchhabania AS	HS
21	Balasore	Baliapal	Deula AS	AS
22	Balasore	Bastha	Bhagabanpur AS	A\$
23	Balasore	Bhogral	Ranasingpur AS	AS
24	Balasore	Jaleswar	Kabatghati AS	AS
25	Balasore	Jaleswar	Kabaighati HS	HS
26	Balasore	Jaleswar	Kendukhunta AS	AS
27	Balasore	Jaleswar	Sardarbandha AS	AS
28	Balasore	Khaira	Gagua AS	HS
29	Balasore	Nîlagiri	Balshnab Bandha AS	AS
30	Balasore	Nîlagirl	Baishnabbandh GHS	GHS
31	Balasore	Nilagiri	Ballajhar AS	HS
32	Balasore	Nilagiri	Banabhuin HS	HS
33	Balasore	Nilagiri	Bankisul AS	AS
34	Balasore	Nilagiri	Kamarkhalia AS	AS
35	Balasore -	Nikagin	Sripati AS	HS
36	Balasore	Nilagiri	Telipala AS	H\$
37	Balasore	Nilagiri	Tenda GH\$	GHS
38	Balasore	Oupada	Bhlmei AS	AS
39	Balasore	Oupada	Garsahi AS	AS
40	Balasore	Remuna	Barapada AS	HS
41	Balasore	Soro	Sindhua AS	HS
42	Baragarh	Attabira	Sodhapali AS	AS
43	Baragarh	Bargarh	Bardol AS	AS
44	Baragarh	Bargarh	Khallapall AS	AS
45	Baragarh	Barpall	Bijayapalii HS	HS
46	Baragarh	Barpall	Kainsir AS	AS
47	Baragarh	Barpali	Raxa SS	HS

48	Baragarh	Bhatli	Bhinjatora AS	AS
49	Baragarh	Bhatli	Gopalpur AS	AS
50	Baragarh	Bheden	Salepall AS	AS
51	Baragarh	Bijepur	Balanda AS	AS
52	Baragarh	Bijepur	Saipali AS	AS
53	Baragarh	Gaisilat	Barihapokhari AS	A5
54	Baragarh	Gaisilat	Gourenmunda SS	HS
55	Baragarh	Gaisilat	Kansadol AS	AS
56	Baragarh	Gaisilat	Malmunda AS	AS
57	Baragarh	Jharbandh	Bijadhol AS	HS
58	Baragarh	Jharbandh	Laudidhara AS	AS
59	Baragarh	Padmapur	Bandupalli AS	AS
60	Baragarh	Padinapur	Buden AS	AS
61	Baragarh	Padmapur	Dahlta AS	A\$
62	Baragarh	Padmapur	Laharpalli A\$	AS
63	Baragarh	Padmapur	Padmapur GHS	GHS
64	Baragarh	Padmapur	Sargipalli AS	AS
65	Baragarh	Paikamal	Chardhapalli HS	HS
66	Baragarh	Palkamal	Dhumabhata AS	AS
67	Baragarh	Palkamal	Jhlkiti AS	AS
68	Baragarh	PaiƙamaJ	Khaira AS	AS
69	Baragarh	Paikamal	Narsinghnath (Jaradagarh) HS	HS
70	Baragarh	Sohela	Dusurabahal AS	AS
71	Bhadrak	Bhandarlpokhari	Ranjit AS	AS
72	Bhadrak	Tihldi	Dahapania HS	HS
73	Bhadrak	Tihidi	Kanpur AS	AS
74	Bolangir	Agalpur	Sallebhatta (Rampur) HS	HS
75	Bolangir	Bangomunda	Şrîram AS	AS
76	Bolangir	Belpada	Munapali AS	AS
77	Bolangir	Bolangir	Bidighat AS	AS
78	Bolangir	Bolangir	Chudapalli HS	НS
79	Bolangir	Bolangir	Jhankarpali A5	AS
30	Bolangir	Bolangir	Sanatelenpall AS	AS
31	Bolangir	Deogan	Ramchandrapur GHS	GHS
32	Bolangir	Gudvella	Ghudungamal AS	AS
33	Bolangir	Gudvella	Mahipur AS	AS
34	Bolangir	Gudvella	Nuapada A5	AS
35	Bolangir	Gudvella	Rusuda AS	AS
36	Bolangir	Khaprakhole	Benakera A5	AS
37	Bolangir	Khaprakhole	Chongria AS	AS
38	Bolangir	Khaprakhole	Kapsipalli AS	AS
39	Bolangir	Khaprakhole	Malpada HSS	HSS
90	Bolangir	Losinga	Dumdumi AS	AS
1		Patnagarh	Baneimunda HS	HS
	Bolangir			AS
2	Bolangir	Patnagarh	Indpur AS	
13	Bolangir	Saintala	Saintala GHS	GHS
34	Bolangir	Titlagarh	Bhalegaon AS	AS
5	Bolangir	Titlagarh	Desil HS	HS
6	Bolangir	Tureikela	Baddakala AS	AS
7	Bolangir	Tureikela	Bandhanpalli AS	AS

98	Bolangir	Tureikela	Chaulsukha AS	AS
99	Bolangir	Turelkola	Tureikela A\$	AS
100	Boudh	Boudh	Mendhimal (Bu hiapuda) HS	115
101	Boudh	Harbhanga	Badabandha GHS	GHS
102	Boudh	Harbhanga	Balsipada AS	AS
103	Boudh	Harbhanga	Gonabandhu Harekrishnapur) HS	HS
104	Boudh	Harbhang	Jhadrajhing AS	As
105	Boudh	Harbhanga	Kirchuda AS	AS
106	Boudh	Harbhanga	Madhapur AS ;	AS
107	Boudh	Kantamal	Baragochha AS	A5
108	Boudh	Kantamal	Kumarkeli AS	AS
109	Boudh	Kantamal	Sindhugora AS	ΛS
110	Cuttack	Athiigarh	Madhagur GHS	GH\$
111	Cuttack	Athagarh	Rahangola A\$	A5
112	Cuttack	Bankl	Baideswar AS	AS
113	Cuttack	Banki	Karadapatli AS	AS
114	Cuttack	Banki	Pandalum AS	A\$
115	Cuttack	Baramba	Abhimangur AS	AS
116	Cuttack	Baramba	Muliabanka AŞ	AS
117	Cuttack	Dompada	Gayalbank AS	AS
118	Cuttack	Dompada	Pathapur AS	AS
119	Cuttack	Dompada	Vejiput (Talavejiput) AS	AS
120	Cuttack	Narsingpur	Bhaliadihi AS	AS
121	Cuttack	Narsingpur	Jinipura AS	AS
122	Cuttack	Tangi-Choudwar	Bislnahakani HS	HS
123	Cuttack	Tangi-Choudwar	Kushapada AS	AS
124	Cuttack	Tangl-Choudwar	Tulasipur AS	A5
125	Cuttack	Tigiria	Papara AS	AS
126	Deogarh	Barkote	Dimiripashi AS	AS
127	Deogath	Barkote	Gayalmara AS	AS
128	Deogarh	Barkote	Kallapal AS	AS
129	Deogarh	Barkote	Khulundikudar AS	AS
130	Deogarh	Barkote	Saida AS	AS
131	Deogarh	Tilelbani	Kansar HS	HS
132	Deogarh	Tifeiban?	Paraoshi AS	AS
133	Dhenkanaí	Bhuban	Damsal HS	HS
134	Dhenkanal	Bhuban	Damsala AS	AS
135	Dhenkanal	Dhenkanal	Kathagoda AS	AS
L36	Ohenkanal	Dhenkanal	Khamarsahi AS	AS
137	DhenkanaJ	Dhenkanal	Mahisia pata AS	AS
	Dhenkanal	Dhenkanal	Patrabhaga AS	AS
39	Dhenkanal	Dhenkanal	Sanasailo AS	AS
.40	Dhenkanal	Dhenkanal	Saptynsniya AS	AS
41	Dhenkanal	Dhenkanal	Sarakhia AS	AS
42	Dhenkanal	Gondia	Kapilas GHS	GHS
43	Dhenkanal	Gondia	Soristipada AS	AS
44	Dhenkanal	Hindol	Bampa AS	AS
45 l	Dhenkana!	Hindol	Chilataila AS	AS
46 [Dhenkanal	Kamakhyanagar	AluaJharan AS	AS
47 C	Ohenkana/	Kankadahad	Baghamunda AS	AS

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148	Dhenkanal	Kankadahad	Kantol HS	HS
149	Dhenkanal	Kankadahad	Maruabili A\$	AS
150	Dhenkanal	Kankadahad	Tarenipo i H5	H5
151	Dhenkanal	Odapada	Sibagur AS	AS
152	Galapati	Gosani	Harischandragur AS	AS
153	Gajapati	Gosani	Padmapur AS	AS
154	Gajapati	Guma	Anukundagarn AS	AS
155	Gajapati	Guma	Badakalakot HS	HS
156	Gajapati	Guma	Ba hal AS	AS
157	Gojapati	Guma	Bhubani AS	HS
158	Gajapati	Guma	Dangusingl AS	AS
159	Gajapati	Guma	Krushna Chandra Pur GHS	HSS
160	Gajapati	Guma	Parida A5	AS
161	Gajapati	Guma	Tarava AS	AS
162	Gajapati	Guma	Tipsing EC	GH\$
163	Gajapati	Mohana	Antarba GHS	GHS
164	Gajapati	Морала	Baghmari EC	GHS
165	Gajapati	Mohana	Chandragirl GH\$	GH\$
166	Gajapati	Mohana	Chudungapur AS	A5
167	Gajapati	Mohana	Damdua AS	AS
168	Gajapati	Mohana	Damdua GHS	GHS
169	Gajapati	Mohana	Jubagam AS	AS
170	Gajapati	Mohana	Kanttahuru AS	AS
171	Gajapati	Mohana	Khani AS	HS
172	Gajapati	Mohana	Ludru AS	A\$
173	Gajapati	Mohana	Malaspadar AS	AS
174	Gajapati	Mohana	Mohana HS	HS
175	Gajapati	Mohana	Nudruguda AS	AS
176	GaJapati	Mohana	Ranikhama As	AS
177	Gajapati	Mohana	Talasinghi AS	A5
178	Gajapati	Nuagarh	N. Jhalarsingl GHS	GHS
179	Gajapati	Nuagarh	Nuagarh (Dogharia) HS	HS
180	Gajapati	Nuagarh	Tataranga AS	AS
181	Gajapati	R.Udayagiri	Abarsingl AS	AS
182	Gajapati	R.Udayagiri	Chhelagarh HS	HS
183	Gajapati	R.Udayagirl	Dabarguda AS	AS
184	Gajapati	R.Udayagiri	R. Valiasahl AS	AS
185	Gajapati	R.Udayagiri	Raingl AS	AS.
186	Gajapati	R.Udayagiri	Ramgiri HSS	HSS
187	Gajapati	R. Udayagiri	Rupasingi AS	A5
188	Gajapati	R.Udayagiri	Sabarpalli AS	A5
189	Gajapati	R.Udayagiri	Slalati GHS	GH5
90	Gajapati	R.Udayagiri	Sunduruba AS	AS
.91	Gajapati	R. Udayəgiri	Sunduruba GHS	GHS
.92	Gajapeti	R.Udayagiri	T. R. colony AS	AS
.93	Gajapati	Rayagecia	Burusingi AS	AS
.94	Gaja pati	Rayagada	Jalanga AS	A\$
95	Gajapati	Rayaguda	Jallo AS	AS
96	Gajapati	Rayagada	Koinpur HS	HS
97	Gajapati	Rayagada	Laxmigur AS	AS

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19 19	- Justin	Rayagada	Laxmiour GH\$	GH\$
20	Palabaci	Rayagada	Mandəlsahi AS	۸s
20	- Salabati	Rayagada	Mukunda pur AS	۸s
20	- Continues	Rayagada	Rayagada HS	HS
20:	a de la constanta	Aska	Ram hijipafi A\$	A\$
204	and the same	Bhanjanagar	Darpane a AS	AS
205		Buguda	Kansanala AS	AS
208	- configurati	Dharakote	Balarampur AS	ΛS
207	T William I	Dharakote	Saba AS	AS
208	Two and with	Olganahandi	Bada palli AS	AS
209	17945 Q0101	Ganjam	Huma HS	HS
210		Ganjam	Kusapalli AS	AS
211	Contigent	Jaganathprasec	The state of the s	AS
212	DO DIN	Khalikote	Guharia patra AS	AS
213	-witgarit	Kukudakhandi	Nimakhandi AS	A5
214	Ganjam	Patrapur	Gaudoni AS	AS
215	Ganjam	Polasora	Jokabandha AS	AS
215	Ganjam	Polasora	Patlasing AS	AS
217	Ganjam	Sanakhemundi	Jayour Colony AS	AS
218	Ganjam	Sanakhemundi	Taptapani AS	AS
	Ganjam	Sorada	Bhallapaili As	AS
219	Ganjam	Sorada	Khajurjapali A\$	AS
220	JagatsInghpu		Mathasahi AS	AS
221	Jagatsinghpu		Padmapur AS	A5
222	Jagatsinghou		Paraswar GHS	GH\$
223	Ja pur	Barchana	Chandikhote AS	A5
224	Jajpur	Barchana	Chandikhole HS	HS
225	la/pur	Barchana	Mahakhala AS	AS
226	Jajpur	Barchana	Raighar AS	AS
227 228	Jajpur	Barchana	Samiha AS	AS
	Jajour	Barl	Mandari AS	AS
229	Japur	Dangadi	Ballapal AS	AS
230	Jajpur	Dangadi	Barakhai AS	AS
231	Ja pur	Dangadi	Panubahali AS	AS
232	Jajpur	Dangadi	Phulihir AS	AS
33	Jajpur	Dangadi	Tamka AS	AS
34	Jajpur	Dangadi	Tamka HS	HS
35	lajpur	Dangadi	Tapabon GHS	GHS
36	Jajour	Dasarathpur	Jamtara A5	AS
37	Ja pur	Dasarathpur	Kasturba (Dashrathpur) GHS	GH\$
38	Jajpur	Dharmasala	Anjira AS	AS
39	Ja]pur	Dharmasala	Baraman AS	AS
40	Jajpur	Korei	Talagadia AS	AS
41	Jajpur	Rasulpur	Suansahi AS	AS
12	Jaipur	Sukinda	Bandhagam AS	AS
13	Jajpur	Sukinda	Belahuri AS	AS
4	Ja)pur	Sukinda	Chingudipal AS	AS
5	Jajpur	Sukinda	Gobar hati AS	AS
6	In pur	Sukində	Gobarghatl HS	HS
7	la]pur	Sukinda	Rankia AS	AS

248	Jajpur	Sukinda	Sriakhali AS	AS
249	Jharsuguda	Jharsuguda	Badhelmunda AS	ΛS
250	Jharsuguda	Jharsuguda	Beheramal AS	AS
251	Jharsuguda	Jharsuguda	Chandinimal AS	AS
252	Jharsuguda	Jharsuguda	Debadihi AS	A\$
253	Jharsuguda	Jharsuguda	Kumbhari AS	AS
254	Jharsuguda	Jharsuguda	Marakuta AS	AS
255	Jharsuguda	Kirmira	Arada HS	HS
256	Jharsuguda	Kirmira	Bhalupatna AS	AS
257	Jharsuguda	Klımlra	Dhudibahal AS	AS
258	Jharsuguda	Kirmira	Sulohi AS	AS
259	Jharsuguda	Kolabira	Jhirfapall AS	A5
260	Jharsuguda	Kolabira	Sodamal HS	HS
261	Jharsuguda	Kolabira	Sodhamal AS	AS
262	Jharsuguda	Laikera	Badhurlum AS	AS
263	Jharsuguda	Laikera	Khuntamal AS	AS
264	Jharsuguda	Laikera	Kuarmal AS	A\$
265	Jharsuguda	Laikera	Pakelpada AS	AS
266	Jharsuguda	Laikera	Rengalbeda AS	AS
267	Jharsuguda	Lakhanpur	Attabira AS	AS
268	Jharsuguda	Lakhanpur	Banjari AS	AS
269	Jharsuguda	Lakhanpur	Banjari HS	HS
270	Jharsuguda	Lakhanpur	Chauliberna AS	AS
271	Jharsuguda	Lakhanpur	Dalgoan AS	AS
272	Jharsuguda	Lakhanpur	Grindala AS	AS
273	Jharsuguda	Lakhanpur	Gudiali AS	AS
274	Jharsuguda	Lakhanpur	Jarabaga AS	AS
275	Jharsuguda	Lakhanpur	Kudalol AS	AS
276	Jharsuguda	Lakhanpur	Pandri AS	AS
277	Jharsuguda	Lakhanpur	Piplikani AS	AS
278	Jharsuguda	Lakhanpur	Remenda AS	AS
279	Kalahandi	Bhawanipatna	Shataguda AS	AS
280	Kalahandi	Bhawanipatna	Funda AS	AS
281	Kalahandi	Bhawanipatna	Gotvata AS	AS
282	Kalahandi	Bhawanipatna	Mardingpadar AS	AS
283	Kalahandi	Bhawanipatna	Sohagpur A\$	AS
284	Kalahandi	Dharamgarh	Jayantapur GHS	GHS
285	Kalahandi	Golamunda	Dhamanpur AS	H\$
286	Kalahandi	Jayapatna	Amjore AS	AS
287	Kalahandi	Jayapatna	Dhanasuli AS	AS
288	Kalahandi	Jayapatna	Jaipatna (Khalisabhata) HS	H5
89	Kalahandi	Jayapatna	Uchhala GHS	GHS
290	Kalahandi	Junagarh	Chancharabhadí AS	AS
91	Kalahandi	Junagarh	Golamunda AS	A\$
92	Kalahandi	Junagarh	Junagarh GHS	GH\$
93	Kalahandi	Junagarh	Kaliakundal AS	A5
94	Kalahandi	Junagarh	Kandalguda AS	A\$
95	Kalahandi	Junagarh	Kuruguda HS	HS
96	Kalahandi	Kalampur	Dulkibandha GHS	GHS
97	Kalahandi	Kesinga	Audhamunda AS	HS

298	- Internation	Kesinga	Kerakuda AS	140
299	THE CONTRACTOR	Kesinga	Pastikudi HS	AS
300	- Indiananan	Koksara	Amapuni GHS	ZHS COUR
301	THE PROPERTY OF THE PARTY OF TH	Koksara	Dhansara GHS	GHS
302	manandilai	Lanjigarh	Вапіральні ЕС	GHS
303	- Indirect	Lanjigarh	Kauguda H\$	GHS
304	Kalahandi	Lanjigorh	Landigarh HSS	HS
305	Kalahandi	Lanjigarh	Madhupur AS	MSS AS
306	Kalahandi	Lanjigarh	Madhupur GHS	GHS
307	Kalahandi	Madan jurRampi	ur Balibhata A\$	H\$
308	Kalahandi	MadanpurRampu	ur Dedsuli AS	AS
309	Kalahandi	MadangurRampu	Jr Dukud AS	AS
310	Kalahandi	MadanpurRampu	ır Lubenzarh AS	HS
311	Kalahandi	MadanpurRampu	If Madanpur HS	HS
312	Kalahandi	MadanpurRampu	r Marding AS	AS
313	Kalahandi	MadanpurRampu	r Potangi AS	AS
314	Kalahandi	MadanpurRampu		AS
315	Kalahandi	Th.Rampur	Bisamag ri AS	AS
316	Kalahandi	TheRampur	Dumerpadar HS	HS
317	Kalahandi	Th.Rampur	Gopalpur GHS	GHS
318	Kalahandi	Th.Rampur	Gopalpur HSS	HSS
319	Kalahandi	Th.Rampur	Gunupur HS	HS
320	Kalahandi	Th.Rampur	Kathagada AS	AS
321	Kəlahəndi	Th.Rampur	Kathakura AS	AS
322	Kandhamal	Ballyrodn	Badageon GHS	GHS
323	Kandhamal	Balliguda	Batagoda AS	HS
324	Kandhamal	Balingurda	Budrukia AS	AS
325	Kandhamal	Balliguda	Daka A5	AS
326	Kandhamal	Balliguda	Dandapadar AS	AS
327	Kandhamal	Balliguda	Gatanai AS	AS
328	Kandhamai	Balliguda	Melsikia AS	AS
329	Kandhamal	Balliguda	Rebingia AS	HS
330	Kandhamal	Balliguda	Sautikia AS	AS
331	Kandhamal	Balliguda	Sindergeon AS	HS
332	Kandhamai	Balliguda	Sudra AS	AS
333	Kandhamal	Balliguda	Sudra HS	HS
334	Kandhamai	Chakapada	Bastingla AS	HS
335	Kandhamai	Chakapada	Bastingia GHS	GHS
336	Kendhamal	Chakapada	Gistlkhal AS	HS
	Kandhamai	Chakapada	Mundagam S\$	HS
	Kandhamai	Chakapada	Sankarakhole GHS	GHS
	Kandhamai	Daringlbadi	Brahmanigaon GHS	GHS
$\overline{}$	Kandhamal	Daringibadi	Daneokbadi AS	AS
	Candhamal	Daringibadi	Daringbadi GH\$	GHS
	(andhamai	Daringibadi	Darin mbadi HS	HS
	Candhamal	Daringlbadi	Kilfabadi AS	AS
	andhamal	Daringbadl	Kiramaha AS	AS
	əndhamal	Daringibadi	Partamoha AS	AS
	andhama!	G Udaygiri	Kalinga AS	AS
7 K	andhamal		Ungagada GHS	GHS

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348	Kandhamal	Khajuripada	Bllabadi AS	HS
349	Kandhamal	Khajuripada	Dutipada GHS	GHS
350	Kandhamal	Khajuripada	Gadlapada AS	ΛS
351	Kandhamal	Khajuripada	Lambaguduri AS	AS
352	Kandhamal	Kha]uripada	Pudumisuga AS	AS
353	Kandhamal	Khajumpada	Ranaputuli HS	H5
354	Kandhamal	Khajuripada	Ranipathar AS	AS
355	Kandhamai	Kotagarh	Durga par _{Ea} GHS	GHS
356	Kandhamal	Kotagarh	Gugurmaha AS	AS
357	Kandhamal	Kotugarh	Kotgarh HS	HS
358	Kandhamai	Nuagaon	Baligada AS	A5
359	Kandhamal	Nuagaon	Gotamoha AS	AS
360	Kandhamal	Nuagaon	Kijakia A\$	AS
361	Kandhamat	Nuagaon	Kritingia AS	AS
362	Kandhamal	Nuagaon	Kudutuli GHŞ	GHS
363	Kandhamal	Nuagaon	Nuagaon HS	HS
364	Kandhamal	Nuagaon	Sainipada AS	AS
365	Kandhamal	Nuagaon	Salapajodi A\$	AS
366	Kandhamal	Phiringia	Baghadangari AS	AS
367	Kandhamal	Phiringia	Damingla AS	AS
368	Kandhamal	Phiringia	Damingia GHS	GHS
369	Kandhamal	Phiringla	Gochhapada HS	HS
370	Kandhamal	Phiringia	Kangapada AS	AS
371	Kandhamal	Phiringia	Muselipanga AS	AS
372	Kandhamal	Phiringia	Nedipadar GHS	GHS
373	Kandhamal	Phiringia	Phiringia HS	HS
374	Kandhamal	Phiringla	Pipalpada AS	AS
375	Kandhamal	Phiringia	Salaguda AS	AS
376	Kandhamal	Phiringia	Seskajodi AS	AS
377	Kandhamat	Phulbani	Belapadar AS	AS
378	Kandhamal	Phulbani	Belapadar GHS	GHS
379	Kandhamal	Phulbani	Boida HS	HS
380	Kandhamal	Phulbani	Daminigam SS	HS
881	Kandhamal	Phulbani	Kudipunja AS	AS
182	Kandhamai	Phulbani	Malikpada AS	AS
83	Kandhamal	Phulbani	Pakangaon GHS	GHS
84	Kandhamal	Phulbani	Pisupadar AS	HS
85	Kandhamal	Phulbani	Sain pada AS	AS
86	Kandhamai	Phulbani	Sarateguda AS	AS
87	Kandhamai	Phulbani	Talapada AS	A5
88	Kandhamal	Rafkla	Badagoda AS	AS
89	Kandhamal	Raikia	Beredakia AŞ	
90	Kandhamal	Ralkia	Gandhani AS	AS
	Kandhamai	Raikia	Kandi AS	AS
	Kandhamal	Ralkia	Mondakia HS	AS
	Kandhamal	Raikia	Raikia GHS	HS
-	Kandhamal	Tikabali		GHS
-	Kandhamal	Tikabali	Dangaeju AS Katadi AS	AS
	Kandhamal	Tikabali		AS
· ·	Manual India	1 IMMERGE	Muningia AS	AS

39	98 Kandham	nal Tikabali	Dud to An	
35	99 Kandham	THEODIF	Rudangia AS	AS
40	JO Kandham		and the No	AS
40	1 Kandham	The state of the s	\$1000 MIN. 140	HS
40	2 Kandham		Priorita Polisi A3	A5
40	3 Kandham		Carlinia [13	H\$
40	14 Kandhama		Parita i poeta di io	GHS
40	5 Kandhama	al Tumudibandh	Kurtamgarh A\$ Rangaparu EC	HS
40	6 Kendragar		Mahadeisatna RS	GHS
40	7 Kendrapar		Padanina AS	A5
40	8 Kendrapar	a Mahakalpada	Tikhiri RS	AS
409	9 Kendrapar	a Marshaghai	Bergan RS	AS
410		.4183444	Kulasahi AS	AS
411	l Keon/har	Anandapur	Baum sagarh AS	AS
412	. Keonjhar	Anandagur	Kolimatia AS	AS
413	Keon/har	Bansa pal	Bansapal AS	AS
414	Keonhar	Bansapai		AS
415		Bansapal	Bayapandadhar AS Champi AS	AS
416	Keonjhar	Bansapal	Gonasika EC	AS
417	Keunhar	Bansa pal	Gonasika H5	GHS
418	Keonihar	Bansapal	Kadakala HS	HS
419	Keonjhar	Bansapal	Kanjipani AS	HS
420	Keon har	Bansagal	Kanjipani GHS	AŞ
421	Keonjhar	Bansapal	Karangadihi AS	GHS
422	Keanjhar	Bansapal	Kodiposa AS	AS
423	Keon]har	Bansapal	Raigoda AS	AS
424	Kennihar	Bansapat	Ralgoda GHS	A\$
425	Keonjhar	Bansapai	Saharpur AS	GHS
426	Keonjhar	Bansagal	Suakati AS	HS
427	Keon har	Bansapal	Suakati GHS	AŞ
428	Keonjhar	Bansapai	Suakati HS	GHS
429	Keonjhar	Champua	Bala AS	HS
430	Koonihar	Champua	Jagannath pur HS	AS
431	Keanjhar	Champua	ally AS	HS
432	Keominar	Champua	Nisagadia GHS	AS
433	Keonjhar	Champua	Ramia AS	GHS
434	Keonjhar	Ghasipura	Baramai AS	HS
435	Keonjhar	Ghasipura	Dantia AS	AS
436	Keonjhar	Chasigura	Goolnathpur AS	AS
437	Keonjhar	Ghasipura	Kolhabeda AS	AS
438	Keonjhar	Ghasipura	Narada AS	AS
139	Keonjhar	Ghasipura	Nuhamalia AS	AS
40	Keonjhar	Ghasipura	Ostapada AS	A\$
41	Keomhar	Ghasipura	Sainkuí AS	AS
42	Kelonjhar	Ghasipura		AS
43	Keonjhar	Ghatgeon	Trilochanpur HS	HS
44	Keonjhar	Ghatgaon	Dangua pusi AS	AS
45	Keonihar	Ghatgaon	Dehuriposi AS	HS
46	Keonhar	Ghatgaon	Dehuriposi GHS	GH\$
47	Keonjhar	Out (Raou	Muktapur AS	AS

448	KeonJhar	Harichandanpur	Baxibarigaon HS	HS
449	Keonjhar	Harichandanpur	Bhagamunda AS	AS
450	Keonjhar	Harlchandanpur	Bhagamunda HS	H5
451	Keonjhar	Harlchandanpur	Gaduan A\$	AS
452	Keonjhar	Harichandanpur	Janghira AS	AS
453	Keonjhar	Harichandanpur	Kanhelguda AS	AS
454	Keonjhar	Harichandanpur	Khajuribani AS	AS
455	Keonjhar	Harichandanpur	Rebenapalaspal GHS	GHS
456	Keonjhar	Harichandanpur	Salbeda AS	AS
457	Keonjhar	Hatadíhi	Baidakhia AS	AS
458	Keonjhar	Jhumpura	Asanpat A5	AS
459	Keonjhar	Jhumpura	Asanpat GHS	GHS
460	Keonjhar	Jhumpura	Basantapur HS	HS
461	Keonjhar	Jhumpura	Kashipal AS	A5
462	Keonjhar	Jhumpura	Murusuan AS	AS
463	Keonjhar	Jhompura	Murusuan GHS	GHS
464	Keonjhar	Jhumpura	Teliarsal AS	AS
465	Keonjhar	Joda	Balda AS	AS
466	Keonjhar	Joda	Basudevpur GHS	GHS
467	Keonjhar	Joda	Dhobakuchuda AS	A\$
468	Keonjhar	Joda	Guali AS	AS
469	Keonjhar	Joda	Laldapada AS	AS
470	Keonjhar	Joda	Matkumbeda HSS	HSS
471	KeonJhar	KeonJhar	Jagannathpur AS	AS
472	KeonJhar	Keonjhar	Jodipada HS	H\$
473	Keonjhar	KeonJhar	Kusumita GHS	GH5
474	Keonjhar	Keonjhar	Naranpur HS	HS
475	Keonjhar	Keon]har	Ranki AS	AS
476	Keonjhar	Keonjhar	Upper Kusumita EC	GHS
477	Keonjhar	Patana	Chilida GHS	GHS
478	Keon[har	Patana	Ketang AS	A5
479	Keonjhar	Patana	Nuakhaman AS	AS
480	KeonJhar	Saharpada	Gandabeda AS	AS
481	Keonjhar	Saharpada	Khuntapada AS	AS
182	Keonjhar	Saharpada	Phulpahadi AS	AS
483	KeonJhar	Saharpada	Raldiha GHS	HSS
184	KeonJhar	Saharpada	Ramchandrapur AS	AS
‡8 5	Keonjhar	Telkoi	Benamunda AS	AS
186	Keonjhar	Telkol	Jagmohanpur A5	AS
187	Keonjhar	Telkoi	Katimiposi AS	AS
188	Keonjhar	Yelkol	Krushnapur GHS	GHS
189	KeonJhar	Telkoi	Madhusudanpur AS	HS
190	Keonjhar	Telkoi	Ralsuan AS	AS
191	KeonJhar	Telkol	Raisuan HS	HS
192	Keonjhar	Telkoi	Sindurla AS	AS
193	Khordha	Banapur	Binjala (A) AS	AS
194	Khordha	Banapur	Neeladriprasad AS	A5
195	Khordha	Banapur	Salio AS	AS
196	Khordha	Banapur	Talabarel AS	AS
197	Khordha	Bhubaneswar	Bhagabatipur AS	AS

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498	Khordha	Bhubaneswar	Dalua AS	lac
499	Khordha	8hubaneswar	Haridamada AS	AS
500	Khordha	Bhubaneswar	Navapalli AS	AS
501	Khordha	Bhubaneswar	Padmakesharipur AS	AS AS
502				AS
503	Khordha	Bhubaneswar	Singur AS	AS
504	Khordha	Bhubaneswar	Tapovin (Khandagiri) H5	HS
505	Khordha	Bolagarh	Dadarakantha AS	
506	Khordha	Bolagarh	Haripur HS	AS
507	Khordha	Khordha	Palkatigiria AS	HS
508	Khordha	Khordha	Slalia AS	AS
509	Khordha	Khordha	Tanglapada A\$	AS
510	Koraput	Bandhugaon	Kumbhariput HSS	AS
511	Koraput	Bandhugaon	Neelabadi GHS	HSS
512	Koranut	Bandhugaon	Pedavala AS	GHS
513	Koraput	Boinariguda		AS
514	Koraput	Boipariguda	Bol parinuda GH\$	GHS
515	Koraput	Bolpariguda	Gumma GHS	AS
516	Koraput	Bolpariguda		GH\$
517	Koraput	Boipariguda	Gupteswar (Pandulibeda) HS	HS
518	Koraput		Saheed Laxman Nalk (Tentuliguma) AS	AS
519		Boriguma	Benagam AS	AS
520	Koraput	Borlguma	Gumuda HS	HS
521	Koraput	Boriguma	Hardoli AS	H5
522	Koraput	Boriguma	Juhari AS	AS
	Koraput	Borlguma	Nuagam GHS	GHS
523 524	Koraput	Boriguma	Nuagaon AS	A5
	Koraput	Dasmanthpur	Biriguda AS	A\$
525	Koraput	Dasmanthpur	Dasmanthpur HS	HS
526	Koraput	Dasmanthpur	Podagada GHS	GH\$
527	Koraput	Jeypore	Bamuniput HS	HS
528	Koraput	Jeypore	Dangarchinchi AS	A\$
529	Koraput	Jeypore	Haradaput AS	AS
530	Koraput	Jeypore	Haradaput GHS	GHS
531	Koraput	Jaypore	Phanipuni AS	AS
532	Koraput	Jeypore	Putra AS	A\$
533	Koraput	Јеуроге	Ranigada AS	AS
534	Koraput	Jeypore	Umuri AS	AS
535	Koraput	Jeypare	Umuri GHS	GH5
536	Koraput	Koraput	Chougam AS	AS
537	Koraput	Koraput	Deoghati HS	HS
538	Karaput	Kora ut	Madhe put AS	AS
539	Koraput	Koraput	Mandaguda GHS	GHS
540	Kora put	Kotapad	Gandhina ar AS	۸S
541	Koraput	Kotapad	Girla H\$	H5
542	Koraput	Kotapad	Kotpad GHS	GHS
543	Koraput	Foraged	Sunarbali Nuagaon HS	HS
544	Koraput	Kundra	Banuaguda AS	AS
545	Koraput	Kundra	Digapur HS	HS
546	Koraput	Kundra	Kundra GHS	GH\$
547	Koraput	Kundra	Lima HS	HS

548	Koraput	Kundra	Masigam AS	AS
549	Koraput	Kundra	Pradhaniput AS	AS
550	Koraput	Limtaput	Kanchana AS	AS
551	Koraput	Lamta ut	Lamtaput GHS	GHS
552	Koraput	Lamtaput	Machhakund AS	AS
553	Koraput	Laxmigur	Bhitairgarh AS	AS
554	Koraput	Laxmipur	Burja HS	HS
555	Koraput	Laxmipur	Champi H\$	HS
556	Koraput	Laxmipur	Charada AS	AS
557	Koraput	Laxmipur	Kellar AS	AS
558	Koraput	Laxmipur	Kundar AS	A5
559	Koraput	Laxmipur	Minapai GHS	GHS
560	Koraput	Laxmipur	Panchada HS	HS
561	Koraput	Nandapur	Badahanjar AS	AS
562	Koraput	Nandapur	Balda GHS	GHS
563	Koraput	Nandapur	Duruba A\$	AS
564	Koraput	Nandapur	Hataguda HS	HS
565	Koraput	Nandapur	Hikimput AS	AS
566	Koraput	Nandapur	Khuda AŞ	A5
567	Koraput	Nandapur	Rukuba AS	AS
568	Koraput	Nandapur	Taimtar AS	AS
569	Koraput	Narayanpatna	Bala AS	AS
570	Koraput	Narayanpatna	Balipeta HS	HS
571	Koraput	Narayanpatna	Borgi AS	AS
572	Koraput	Narayanpatna	Dandabadi AŞ	AS
573	Koraput	Narayanpatna	Kumbhari AS	AS
574	Koraput	Narayanpatna	Narayanpatna GHS	GHS
575	Koraput	Pattangi	Chandaka AS	AS
576	Koraput	Pattangi	Chandaka GHS	GHS
577	Koraput	Pattangl	Deopattangi AS	AS
578	Koraput	Pattangl	Gugaguda AS	AS
579	Koraput	Pattangi	Katia AS	HS
580	Koraput	Pattangi	Laudi AS	AS
581	Koraput	Pattangl	Pottangi (Champakhenda) GHS	GHS
582	Koraput	Pattangi	Pukali AS	AS
583	Koraput	Pattangi	Sipalput AS	AS
584	Koraput	Pattangi	Thuria HSS	H5
85	Когария	Semiliguda	Pitaguda A5	AS
86	Koraput	Semiliguda	Renga AS	AS
87	Korabut	Semiliguda	Renga GHS	GHS
88	Koraput	5emil gurta	Subai GH\$	GHS
89	Koraput	Semiliguda	Sunabeda HS	HS
90	Koraput	Semiliguda	Sundhiput AS	AS
91	Malkangiri	Chitrakonda	Badapada EC	GHS
92	Malkangiri	Chitrakonda	Badapada HS	HS
93	Malkangiri	Chitrakonda	Chitrakonda GHS	GH\$
94	Malkangiri	Chitrakonda	Panasput HS	HS
95	Malkandri	Kalimela	Anantapalli AS	HS
96	Malkangiri	Katimela	Bejangiwada AS	AS.
97	Malkanılıri	Kalimela	Bhubangalli AS	AS

59	11.000		Dudimetla AS	lar.
59	144-140-1	Kalimela	Gompakonda H\$	AS HS
60	7111		Kalimela AS	
60	Transmission again		Koikonda AS	AS AS
603			Mallavarem AS	AS
603	- contract (Bath		Motu AS	AS
604	1780		MV-79 GH5	HSS
605	The state of the s	Katimela	Polluru AS	AS
606		Kəlimela	Rajadri AS	AS
607		Kalimela	Venketpallam AS	AS
608	- Contracting (1)	Khalrout	Badbel EC	GH\$
609	12000	Khairput	Goving palli HSS	HSS
610	100	Khairput	Kada mguda AS	AS
611		Khairput	Khairput AS	AS
612	100000000000000000000000000000000000000	Khairput	Khamaguru AS	AS
613	Malkanuri	Khairput	Kudumulugumma GHS	GH\$
614	Malkangiri	Khairout	Mudulipada GHS	GHS
615	Malkan irl	Khalrout	Mudulipada H\$	HS
616	Malkangiri	Khamput	Nandiniuuda AS	AS
617	Malkampiri	Khairput	Nandin Iguda EC	GHS
618	Malkangiri	Khalrput	Oring AS	AS
619	Malkangiri	Khairput	Parkanmala AS	AS
620	Malkangri	Khairput	Podaghat AS	AS
621	Malkangiel	Khairput	Puspalli AS	AS
622	Malkangiri	Khairput	Rasbeda AS	AS
623	Malkangiri	Khairput	Sindh guda AS	AS
624	Malkangri	Korukonda	Hatiamba AS	AS
625	Malkangiri	Korukonda	Mariwada A\$	AS
626	Malkangri	Korukonda	Potrel AS	A5
627	Mallongiri	Korukonda	Tumusa pally AS	AS
628	Malkangiri	Malkangiri	Bhaluguda AS	AS
629	Malkangiri	Malkangiri	Biralaxmanpur AS	AS
630	Malkandiri	Malkangiri	Gangala AS	AS
631	Malkangiri	Malkangiri	Kotamatteru AS	AS
632	Malkangtri	Malkangiri	Nillmari ÀS	AS
633	Malkangiri	Malkangiri	Pad magiri HŞ	HS
634	Malkangiri	Malkangiri	Pandri puni AS	H5
535	Malkangiri	Malkangiri	Satiguda GHS	GH\$
His	Malkangiri	Matkangiri	sikhpalli AS	AS
37	Malkangiri	Malkangiri	Silchpulli GHS	GHŞ
38	Malkangirl	Malkangiri	Sorishmala AS	AS
39	Malkangiri	Malkangirl	Tandiki AS	AS
40	Malkangiri	Malkangiri	Thapaguda AS	AS
41	Malkangiri	Malkangiri	Titiberi AS	AS
42	Malƙangiri	Malkangiri	Udupa AS	AS
43	Malkangiri	Mathili	Bhandari pangam AS	AS
44	Malkangiri	Mathili	Dhoudaguda AS	AS
45	Malkangiri	Mathill	Kaliaguda HS	HS
46	Maikangiri	Mathli	Madkamiguda A5	AS
17	Malkantiri	Mathiii	Mahu padar AS	AS

649 650 651 652 653 654 655 656 657	Malkangiri Malkangiri Malkangiri Malkangiri Malkangiri Malkangiri Malkangiri	Mathili Mathili Mathili Mathili Mathili	Mathili GHS Mecca AS Pangam AS Pangam GHS	HSS AS
651 652 653 654 655 656	Malkangiri Malkangiri Malkangiri Malkangiri Malkangiri	Mathili Mathili	Pangam AS	
652 653 654 655 656	Malkangiri Malkangiri Malkangiri Malkangiri	Mathili		AS
653 654 655 656	Malkangiri Malkangiri Malkangiri		Pangam GHS	
654 655 656	Malkangiri Malkangiri	Mathili		GH5
655 6 5 6	Malkangiri		Saunii juda AS	A5
656		Mathlii	Tangguda AS	A5
		Mathill	Timasput AS	AS
657	Malkameri	Podia	Oharampalli AS	AS
	Malkandri	Podla	Girkanpalli A\$	AS
658	Malkangiri	Podia	Gorakhpalli AS	A\$
659	Malkangiri	Podia	Kalimela GH\$	GHS
660	Malkangiri	Podia	Kolagonda AS	AS
661	Malkangiri	Podia	Matteru AS	Н5
662	Malkangiri	Podia	Podla HS	HS
663	Malkangiri	Podla	Sllakota AS	A5
664	Mayurbhanj	Badasahi	Baguli AS	AS
665	Mayurbhanj	Badasahi	Barihapal AS	A\$
666	Mayurbhanj	Badasahi	Chandanpur AS_New	AS
667	Mayurbhanj	Badasahi	Chandanpur AS_Old	AS
668	Mayurbhani	Badasahi	Joginuagaon AS	AS
669	Mayurbhanj	Badasahi	Manatri GHS	GH\$
670	Mayurbhanj	Badaşahi	Uttarpal AS	A.S
671	Mayurbhanj	Bahalda	Dumadihi GHS	GH5
672	Mayurbhanj	Bahalda	Kulgi A5	AS
673	Mayurbhan	Bahalda	Kumbhirmundi AŞ	AS
674	Mayurbhani	Bahalda	Tentala AS	AS
675	Mayurbhanj	Bangiriposi	Astabeda AS	AS
676	Mayurbhanj	Bangiriposi	Banakati GHS	GHS
677	Mayurbhanj	Bangiriposi	Brahmangaon AS	AS
678	Mayurbhanj	Bangiriposi	Budhikhamari AS	HS
679	Mayurbhani	Bangiriposi	Chakidi AS	AS
680	Mayurbhani	Baripada	Betna AS	AS
681	Mayurbhanj	Baripada	Ranibhole GHS	GHS
682	Mayurbhan)	Betanati	Khairbani A\$	AS
683	Mayurbhanj	Betanati	Kothabadi AS	A5
684	Mayurbhanj	Betanati	Raikama AS	AS
685	Mayurbhani	Betanati	Salbanisamil (Nahandasole) GHS	GH5
686	Mayurbhani	Bijatola	Bijatola GHS	GHS
	Mayurbhani	Bijatola	Dalki AS	AS
	Mayurbhani	Bijatola	Mundathakur AS	
	Mayurbhani	Bijatola	Mundathakura GHS	GHS
	Mayurbhan)	Bisoi		_
	Mayurbhani	Bisol	Badhunia GHS	GHS
	Mayurbhani	Bisoi	Bisoi HS	HS
	Mayurbhani		Charupani AS	A5
		Bisoi	Deopata AS	HS
_	Mayurbhani Mayurbhani	Bisoi	N. B. Pokharia AS	AS
_	Mayurbhani Mayurbhani	G.B. Nagar	Arapata AS	AS
$\overline{}$	Mayurunani	G.B.Nagar G.B.Nagar	Balldiha AŞ Bankisole AS	AS AS

698	Mayorbha	II Chu	III salaman	
699	14. or 14. or 14. billion		Marsigaon AS	AS
700	1 7 9 1 6 1 1 1		Padm pur AS	AS
701	- The Paris Paris	Tr. Atsason	Tikayatpur GHS	GHS
702		1	Badakulelbira A5	AS
703	The second		Barudihi AS	AS
704	TATOM POSTOR DE		Deokundi AS	AS
705	Total Inches		Ghumal AS	AS
706	Mayurbhan		Həriləbeda AS	AS
707	Mayurbhan Mayurbhan		Heselpata GHS	GHS
708	Mayurbhan		Jamada HS	HS
709	Mayurbhan		Manbir AS	AS
710			Maranda AS	AS
711	Mayurbhanj		Tarana AS	AS
712	Mayurbhan	ALC: U.S. C.	Angaruada AS	HS
713	Mayurbhanj		Angurpada EC	GHS
714	Mayurbhan		Bakala AS	AS
	Mayurbhan		Bakartala AS	AS
715	Mayurbhan	Jashipur	Barelpani AS	AS
716	Mayurbhanj	Jashtour	Baushanall AS	AS
717	Mayurbhanj	Jashlpur	Nawana AS	AS
718	Mayurbhanj	Jash[pur	Ramasahi AS	AS
719	Mayurbhanj	Jashipur	Slítia AS	AS
720	Mayurbhanj	lashipur	Singarpur GHS	GHS
721	Mayurbhanj	Jashipur	Suangapal AS	AS
722	Mayurbhanj	Jashipur	Thakurguda HS	HS
723	Mayurbhan)	Jashipur	Usuki AS	AS
724	Mayurbhani	Kaptipada	Badasimulia GHS	GHS
725	Mayurbhanj	Kaptipada	Debala AS	AS
726	Mayurbhani	Kaptipada	dagarh AS	AS
727	Mayurbhani	Kaptipada	Katural GH5	GHS
728	Mayorbhanj	Kaptipoda	Katuria AS	AS
729	Mayurbhani	Kaptipada	Pedagadi AS	AS
730	Mayurbhani	Kaptipeda	Sərat HS	HS
731	Mayurbhanj	Karanjia	Damuria AS	AS
732	Mayurbhani	Karanjia	Hatibarl AS	AS
733	Mayurbhan	Karanjia	Hatibari HS	HS
734	Mayurbhani	Karanja	Kendumundi HS	HS
735	Mayutbhanj	Karanjia	Mata AS	AS
36	Mayurbhani	Karanjin	Tato GHS	GHS
	Mayurbhanj	Karanjia	Toakurmapatna AS	AS
38	Mayurbhan	Khunta	Bahanda GHS	GHS
	Mayurbhanj	Khunta	Basipitha HS	HS
	Mayurbhanj	Khunta	Brundabanchandrapur HS	HS
_	Mayurbhanj	Khunta	Kamali AS	2H
	Mayurbhani	Khunta	Sanakar mjia AS	AS
	Mayurbhanj	Kullana	Andhari AS	AŞ
	Mayurbhanj	Kullana	Asanjoda AS	AS
_	Mayurbhanj	Kuliana	Asanjoda GHS	GHS
	Mayurbhani	Kuliana	Badanuagaon AS	HS
17	Mayurbhani	Kuliana	Chandua HS	HS

748	Mayurbhani	Kuliana	Kothabila AS	AS
749	Mayurbhani	Kuliana	Patih mja AS	A5
750	Mayurbhan	Kusumi	Badampahad GHS	H\$5
751	Mayurbhani	Kusumi	Bhandan AS	A5
752	Mayurbhani	Kusumi	Kathabharia AS	AS
753	Mayurbhanj	Kusumi	Rangamatia AS	A5
754	Mayurbhan	Kusumi	Sulei pat GHS	GHS
755	Mayurbhani	Morada	Bholagadia AS	AS
756	Mayurbhanj	Morada	Brahmanmara AS	AS
757	Mayurbhani	Morada	Chikatamati EC	GHS
758	Mayurbhan	Morada	Mohangur AS	AS
759	Mayurohani	Morada	Morada AS	AS
760	Mayurtihanj	Morada	Nichuapada AS	AS
761	Mayurbhan	Morada	Patpur (Silda) GHS	GH\$
762 763	Mayurbhan	Rairangpur	Ohatikidlhi AS	AS
	Mayurbhanj	Rairangpur	Kukudimundi AS	AS
764 765	Mayurbhani	Rairangpur	Rairangpur GHS	GHS
766	Mayurbhanj	Raruan	Balanposhi GHS	GH\$
767	Mayurbhanj	Rasgovindpur	Deosole AS	AS
768	Mayurbhani	Rasgovindpur	Hatasahi AS	AS
769	Mayurbhanj	Rasgovindpur	Kakabandha A5	AS
	Mayurbhani	Rasgovindpur	Nalagoza HS	HS
770 771	Mayurbhanj	Rasgovindpur	Rasgovindpur(Manida) GHS	GH\$
772	Mayorbhanj	Rasgovindpur	Totapada AS	AS
773	Mayurbhani	Samakhunta	Balidha AS	HS
774	Mayurbhanj	Samakhunta	Chhadakata AS	AS
775	Mayurbhanj	Samakhunta	God poknari GHS	GHS
776	Mayurbhanj	Samakhunta	Gundihudî GHS	GH\$
777	Mayurbhani	Samakhunta	Khandia AS	HS
778	Mayurbhanj	Samakhunta	Lalgani AS	AS
7 7 9	Mayurbhanj	Saraskana	Danadar AS	AS
780	Mayurbhani	Saraskana	Govindpur GHS	GHS
781	Mayurbhanj	Saraskana	Matiabeda AS	AS
782	Mayurbhani	Saraskana	Palasbani AS	HS
783	Mayurbhan	Sukruli	Brahmarapas AS	AS
784	Mayurbhani	Sukrulf	Ghagi AS	AS
785	Mayurbhanj	Sukruli	Pokharía AS	AS
786	Mayurbhani	Sukrufi	Routalipat GHS	GHS
787	Mayurbhani	Sukruli	Tangin AS	AS
788	Mayurbhan]	Suliapada	Kujidihi GHS	GHS
89	Mayurbhani	Sulia pada	Murgipahandi AS	AS
90	Mayurbhani	Sullapada	Patharanesa AS	AS
	Mayurbbanj	Thakurmunda	Badmahuldiha AS	AS
	Mayurbhanj	Thakurmunda	Barin, AS	AS
	Mayurbhani	Thakurmunda	Baunsadiha AS	A5
-	Mayur bhanj	Thakurmunda	Chamakpur GHS	GHS
	Mayurbhanj	Thakurmunda	Champajhar AS	AS
	Mayurbhani	Thakurmunda	Hati ada AS	AS
	Mayurbhan]	Thukurmunda	Kesdiha AS	HS
97	Mayurbhanj	Thakurmunda	Nada A\$	AS

79:	1112) 011211		Patrapada AS	[AS
799	may a crian		Satkosla AS	AS
800	CONTRACTOR OF THE CO.		Thakurmunda GH\$	GHS
80:	The Part De David		Badagobara AS	AS
802	- Print in a time of		Pandupant HS	HS
803	The State of	1/2	Ranisəhi GHŞ	GHS
804	100000-110000	Tiring	Sanabhundu AS	AS
805	- I arrang	Udala	Bahubandha AS	AS
806	10 (40 10 11 10 11	Udala	Bahubandha GHS	GHS
807	- A P D I D I G E	Udala	Nuageon AS	AS
808	A THE STREET	Udala	Prafulia Ch. Pur A5	AS
809	- Personally	Udala	Salakhunta AS	H\$
810	Mayurbhani	Udala	Sarasibila AS	AS
811	Nabarangpur	Chandahandi	Ankabeda AS	
812	Nabarangpur	Chandahandi	Chandahendi AS	AS AS
813	Nabarangpur	Chandahandi	Dalbeda GHS	GHS
814	Nabarang	Chandahandi	Dhodipani HSS	
815	Nabarangpur	Chandahandi	Jumppani AS	HSS AS
816	Nabarangpur	Chandahandi	Khaparadihi AS	
817	Nabarangpur	Chandahandi	Malision AS	AS
818	Nabarangpor	Chandahandi	Matigaon AS	HS
819	Nabarangpur	Chandahandi	Palsapada AS	AS
820	Nabarangpur	Dabugaon	Badaolama AS Old	AS AS
821	Nabarangpur	Dabugaon	Badaolma AS New	AS
822	Nabarangpur	Dabugaon	Boripadar AS	AS
823	Nabarangpur	Dabugaon	Dabuggion GHS	AS
824	Nabarangpur	Jharlgaon	Badani AS	GHS
825	Nabarangpur	Jharlgaon	Badatemra AS	AS .
826	Nabarangpur	Jharigaon	Belgeon HS	AS
827	Nabarangpur	Jharigaon	Bhimaguda GHS	HS
828	Nabarangpur	Jharigaon	BS Padar AS	GHS
829	Nabarangpur	Jhartgaon	Chacha GHS	H\$
830	Naborangpur	Tharigaon	Dhodra AS	GHS
831	Nabara ng pur	Jharigaon		AS
832	Nabarangpur	Jharigaon	Jambaguda AS Palia AS	AS
833	Nabara ngpur	Kosagumuda		AS
834	Nabarangpur	Kosagumuda	Badagumuda AS	AS
835	Nabarangpur	Kosagumuda	Badambada AS	AS
836	Nabarangpur		Badambada HS	HS
337	Nabarangpur	Kosagumuda	Belaputi AS	AS
38	Nabaranggur	Kosagumuda	Churchunda AS	AS
39	Nabaranggur	Kosagumuda	Karchamal AS	As
40		Kosagumuda	Karchamal GH\$	GHS
41	Nabarangpur	Kosagumuda	Kerandimai AS	AS
42	Nabarangpur	Kosagumuda	Kodinga HS	HS
43	Nabaramepur	Kosagumuda	Santos inpur AS	HS
43		Nabaranggur	Badamusigaon AS	AS
45	Nabarangour	Nabarangpur	Badmusigaon HS	HS
	Nabarangpur	Nabarangpur	Baghasuni AS	HS
46	4 175.544.64	Nabarangpur	Betal AS	HS
47	Nabara ngour	Nabara ngpur	Bhatrasirisi AS	AS

848	Nabarangpur	Nabarangpul	Bhatrasuini GHS	HS
849	Nabarangur	Nabararggur	Bikrampur H5	AS
850	Mabarangpur	Nabarangpur	Malikote AS	HS
851	Nabarangpur	Nandahandi	Binjiguda AS	GHS
852	Nabarangpur	Nandahandi	Kotraguda GHS	HS
853	Nabarangpur	Nandahandi	Nisanhandi HS	AS
854	Nabarangpur	Papadahandi	Bhatikota AS	AS
855	Nabarangour	Papadahandi	Daleiguda AS	AS
856	Nabarungpur	Papadahandi	Dhansuli AS	AS
857	Nabarangpur	Papudahandi	Gadavakatra AS	A5
858	Nabarangpur	Papadahandi	Garudaguda AS	HS
859	Nabarangur	Papadahandi	Jotabal AS	AS
860	Nabarangpur	Papadahandi	Kharki AS	AS
861	Nabarangour	Papadahandi	Labanyapadar AS	AS
862	Nabaranggur	Piinadahandi	Manigaon AS	HS
863	Nabarangpur	Papadahandi	Manigaon HS	GH\$
	Nabaran pur	Papadahandi	Papadahandi GHS	AS
864	Nabarangpur	Papadahandi	Patri AS	
865	Nabarangpur	Ralghar	Hatabharandi A5 New	AS
866		Raighar	Hatabharandi A5_Old	AS
867	Nabarangpur		lodingla GHS	GH\$
868	Nabarangpur	1 15 44 (4 5 0)	Khuduku AS	AS
869	Nabarangpur	1000	Khuduku GHS	GH\$
870	Nabarangpur	- 25.	Naktisemoda AS	A5
871	Nabarangpur		Nuapada AS	HS
872	Nabarangput		Ralghar HSS	HSS
873	Nabarangpui	1000	Rajputi AS	AS
874	Nabarangpu		Timanpur AS	AS
875	Nabaranapu		Timanpur HS	HS
876		40.4	Bijaraguda GHS	GHS
877	101500-00	100.00	Dengugudu AS	AS
878		19. Jan. 19. Jan. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	Kujajanlguda AS	HS
879		- 125-1	Patragut HS	HS
880		-1 -1	Badabharandi HS	HS
881			Batibeda AS	AS
882			Bhamini HS	HS
883	The second secon		Jamuranda GHS	GHS
884			Kesaribeda AS	AŞ
885		La Ivaka	Nayakguda GHS	GHS
88	6 Nabarango		Singsari HS	HS
88	7 Nabarangp		Sunabeda AS	AS
88	8 Nabaranga		Mallberni AS	AS
88	9 Nayagarh	Bhapur	Baniguchha HS	HS
89	0 Nayagarh	Daspalla	The state of the s	AS
89	1 Nayagarh	Daspalla	Bhogabadi AS	GH\$
89	2 Navagarh	Daspalla	Buguda GHS	AS
89		Daspalla	Burupatu AS	AS
89		Daspalla	Durgaprasad AS	AS
-	95 Nayagarh	Daspalla	Rujamendhi AS	AS
	96 Nayagarh	Daspalla	Mundull A5	AS
-	97 Nayagarh	Daspalla	Numerion AS	

898	Nayagarh Nayagarh	Daspulla	Sundarkumpu AS	AS
900	Nayagach	Daspalla	Takara AS	AS
901	Nayagarh	Daspallu	Takara H5	H\$
902	Nayagarh	Daspalla Gania	Tanglagalli AS	A\$
903	Navagarh		Badasilioga AS	AS
904	Nayagarh	Khandapada	Chandrasekhar AS	AS
905	Navagarh	Khandapada	Kandhamiru AS	AS
906	Nayagarh	Khandapada	5ambarbindha A\$	AS
907	Nayagarh	Nuagaon	Dimiripulli AS	AS
908	Nayagarh	Nuagaon	Dimiripal/i HS	ZH
909	Nayagarh	Nuagaon	Gahirabada AŞ	A5
910	Nayagarh	Odligaon	Jakada AS	A5
911	Nayagarh	Ranapur	Ostla AS	A5
912	Navagarh	Ranapur	Katagarh AS	AS
913	Nuapada	Boden	Kendua AS	AS
914	Nuapada	Boden	Baglore AS	AS
915	Numpada	Boden	Boden HS	H5
916	Nuap da	Boden	Chikalchuan AS Dhobel AS	AS
917	Nuapada	Boden		AS AS
918	Numpada	Водел	Farsara AS	AS
919	Nuapada	Kharlar	Kamalamal AS	AS
920	Nuapada	Khariar	Badamula AS	ZA
921	Nuapada	Kharlar	Birighat AS	AS
922	Nuapada	Khariar	Chanabeda AS	AS
923	Nuapada	Khariar	Chantmal AS	AS
924	Nuapada	Kharlar	Kuliguan AS	AS
925	Nuapada	Komna	Nehena AS	AS
926	Nuapada	Komna	Belgiron AS	AS
927	Nuapada	Komna	Darlipada MS	HS
928	Nuapada		Kamakeda A\$	A\$
929	Nuapada	Komna	Sahajat AS	AS
930	Nuapada	Komna	Sunabeda AS	A5
931	Numpada	Nuapada	Birmal AS	AS
932	Nuapada	Nuapada	Dharmabandha HSS	HSS
933	Nuapata	Nuapada	Katenchuan GHS	GHS
934	Nuapada	Nuapada	Panchampur AS	AS
935	Nuapada	Nuapada	Siafati HS	HS
	Nuapada	Sinapall	Chaltinguga AS	AS
	Nuapada	Sinapalii	Gandabahal AS	AS
		Sinapulli	Garla AS	A5
	Nuapada	Sinapuli	Khairapadar AS	AS
_	Nuapada Nuapada	Sinapalli	Nangalbad AS	AS
	Nuapeda	Sinapalli	Timanpur AS	AS
	Puri	Brahmagiri	Ramapara AS	AS
	Puri	Gop	Konark AS	AS
	ייין	Gop	Konark HS	НS
_	Purl	Krushnaprusad	Raskudi AS	AS
	orf -	Nimapara	Gada Itapokhari AS	AS
46	Vayngada	Bissamcuttack	Arishakani EC	GHS

48	Rayagada	Bissamcuttack	Gottguda AS	H5
_	Rayagada	Bissamcuttack	Hatamun guda GHS	GHS
	Rayagada	Bissamouttack	Kapapadar AS	HŞ
_	Rayagada	Chandrapur	Budubali AS	AS
51	Кауадаца Rayaдаца	Chandrapur	Chandrapur AS	HS
952	Rayagada	Chandrapur	Chandrapur GHS	GHS
953	Rayagada	Chandragur	Dangas grada HS	H5
954	and the state of t	Chandragur	Hakuspanga A\$	A5
955	Navagada	Chandragur	Neherunanga AS	AS
956	Rayagada	Chandrapur	Nehurupanga GHS	GHS
957	Rayagada	Gudari	Gudari GHS	GHS
958	Rayagada	Gudari	Karlamat AS	AS
959	Rayagada	Gudari	Mollput AS	AS
960	Rayaguda	Gunupur	Bharsingh AS	H5
961	Rayagada		Dambasora GHS	GHS
962	Rayagada	Gunupur	Gadiabang AS	AS
963	Rayagada	Gununur	Kereba EC	GHS
964	Rayagada	Gunupur	Kulasing AS	AS
965	Rayagada	Gunupur	Oldgunupur AS	AS
966	Rayagada	Gunupur	Pogudabili GHS	GHS
967	Rayogada	Gunupur	Puttasing GHS	GHS
968	Rayagada	Gunupur	Puttasing HS	HS
969	Rayagada	Gunupur	Badanalkguda AS	AS
970	Rayagada	Kalyansingpur	Belkona AS	AS
971	Rayagada	Kalyansingour	Blaynagar GHS	GHS
972	Rayagada	Kalyansingpur	Buduguda HS	HS
973	Rayagada	Kalyansingpur	Palama AS	HS
974	Rayagada _	Kalyansingpur	Parsali EC	GHS
975	Rayagada	Halyansingpur	Siripur GHS	HSS
976	Rayagada	Kalyansingpur	Badamaribhatta AS	AS
977	Rayagada	Kashipur		HSS
978	Rayagada	Kashipur	Danganii GHS	HS
979	Rayagada	Kashipur	Gorkhapur HS	AS
980	Rayugada	Kashipur	Sanamatikana A5	AS
981	Rayagada	Kashipur	Thutibar (A) AS	AS
982	Rayagada	Kashipur	Thutibar (B) AS	GHS
983	Rayagada	Kashipur	Thutibar GHS	AS
984	Rayagada	Kashipur	Upper Kodlinga AS	HS
985	Rayagada	Kolnara	Antamada AS	H5
986	Rayogada	Kolnara	Badakhi apadar AS	HS
987	Rayagada	Kolnara	Bankili HS	AS
988	Rayagada	Kolnara	Dumuriguda AS	AS
989	Rayagada	Kolnara	Gadisesikhal AS	
990	Rayagada	Kolnara	Goudalelibadi AS	AS
991	Rayagada	Kolnara	Iharidi AS	AS
992	Rayagada	Kolnara	Kailas nour HSS	HSS UC
992	Rayagada	Kolnara	Kheda pada HS	HS
994		Kolnara	Paikapada RS	AS
995		Kolnara	Rivolkona H5	HS
	All	Kolnara	Robadi GHS	GHS
996 997		Kolnara	Theruballi AS	AS

998	Rayagada	Muniguda	Agula AŞ	lac.
999	The second secon	Muniguda	Ambadala HS\$	AS
1000	The second secon	Muniguda	Muniqueda GH\$	HSS
1001	Rayagada	Muniguda	Munikhole AS	GH\$
1002	Rayagada	Muniguda	Slbapaear AS	AS
1003	Rayagada	Padmapur	Khilamunda GHS	GHS
1004	Rayagada	Ramnaguda	Gulanthi AS (A)	
1005	Rayagada	Ramnaguda	Gulunthi AS (B)	HS
1006	Rayugada	Ramnaguda	Kenduguda AS	AS
1007	Rayagada	Rammaguda	Ku}endri HS	AS
1008	Ruyagada	Ramnaguda	Pallupal GHS	HS
1009	Rayagada	Ramnaguda	Tikorapada AŞ	GHS
1010	Rayagada	Rayagada	Atteda AS	AS
1011	Rayagada	Rayagada	Badaraising AS	HS
1012	Rayanade	Rayagada	Bhakurguda AŞ	AS
1013	Rayagada	Rayagada	Bilesu HS	AS
1014	Rayagada	Rayagada	Duragapadu RS	HS
1015	Hayagada	Rayagada	Kandhama Iraon GHS	AS
1016	Hayagada	Rayagada	Kerada HS	GHS
1017	Rayagada	Rayagada	Kumbhikata AS	HS HS
1018	Rayagada	Rayagada	Kumbhikota HS	AS
1019	Rayagada	Rayugada	Kutuli AS	H\$
1020	Rayogada	Rayogada		AS
1021	Rayagada	Rayagada	Penikona HS	2H
1022	Rayagada		Pitamahal AS	AS
1023	Sambalour	Rayagada	Tadama AS	HS
1024	Sambalpur	Bamra	Garposh GHS	GHS
1025	Sambalpur	Bamra	Jarabaga AS	AS
1026	Sambalpur	Bamra	Raba GHS	GHS
1027	Sambaljiur	Bamra	Salohi AS	AS
1028	Sambalpur	Bamra	Tangarmunda HS	HS
1029		Dhankauda	Ainthabaill AS	AS
1030	Sambalpur	Ohankauda	Dengasara AS	AS
1031	Sambalpur	Dhankauda	Jamdarpulii AS	AS
1031	Sambalpur	Dhankauda	Sanasingharl AS	AS
1033	Sambalpur	Jamankira	Badrama AS	A5
	Sambalpur	Jamankira	Banjari AS	A5
034	Sambalpur	Jamankira	Bholpur HS	HS
.035	Sambalour	Iamankira	Fasimal GHS	GHS
036	Sambalour	Jamankira	Jamunal AS	AS
037	Sambalpur	Jamankira	Katangapani AS	AS
038	Sambalpur	Jamankira	Sandhapathar AS	AS
039	Sambalour	Jamankira	Sandhapathara HS	HS
040	Sambalpur	Jamankira	Tikilipada AS	AS
041	Sambalpur	Jamankira	Tiklipuda GHS	GHS
042	Sambalpus	Jujumura	Jayantapor AS	AS
043	Sambalpur	Jujumura	Sanatanpali A5	AS
	Sambalpur	Kuchinda	Aradabahai GHŞ	HS\$
)45	Sambalour	Kuchinda	Badamundalol HS	HS
	Sambalpur	Naktideul	Chatrapur A5	AS
147	Sambalpur	Naktideul	Girish Ch. pur HS	HS

	-					
-	48 Sambalpu			Kandhal AS	_	AS
_	49 Sambalpu	r Naktideul		Muturmunda AS	_	_
10	- Daniel Da	r Rairakhol		Mochebahal AS	_	AS
10.	- поличиры			Samasingu AS	_	HS AC
109	- Timesipe			Sundhimunda GHS		AS GHS
105	- The strip at	-000		Jangala A5	-	AS
105	- In the sale of	277 OC 277		Tabadabahal AS		
105		7 7 10	iur	Kunjanuli AS		AS AS
105		The state of the s		Ichhapur AS	_	AS AS
105	- metriapa	The state of the s		Asuramunda AS	_	AS
105				Mukundapur AS	_	_
105	- Indiana			Badabhaira AS	_	AS
106	2,400,1100,010			Charvata HSS	_	HSS
106:	T Will String (Fig.)			Khalrbadi AS		
106:	- and part			Menda AS	-	A\$
1063	- maintagrap			Panimura AS	_	AS
1064	and a Marrie	Balisankara	-	Ballsankara GHS	_	AS
1065	- HILLIAN GRILLI	Balisankara		Birkaldihi AS	_	HS\$
1066	Article Part	Ballsankara		Birkaldlhi HS	_	A\$
1067	The state of the s	Balisankara	_	Tele[kani GH\$	_	HS
1068	- Hand Barry	Ballsankara		Tilia AS		GHS
1069	- minner Bott II	Багдаол	_	Deokaramour HS	-	HS
1070	- Dail	Bargaon		kma AS	_	HS
1071	Sundargarh	Bargaon	_	aldihi AS		AS
1072	Sundarparh	Bargaon	_	udalaga GHS		AS
1073	Sundamarh	Bisra		halulata HS		GHS
1074	Sundargarh	Bisra		ijadihi GHS	-	HS
1075	Sundargarh	Bisra		rla AS	_	GHS
1076	Sundargarh	Bonai		estside of village Baidpulli GHS	-	AS
1077	Sundargarh	Gurundia	G	urundia GHS		GHS
1078	Sundargarh	Gurundia		mdarah HS	_	GH\$
1079	Sundargarh	Gurundia		dabandha AS		HS
1080	Sundargarh	Herngir		opalpur HS		AS
1081	Sundargarh	Hemgir		umbahal AS	_	HS
1082	Sundargarh	Hemgir	_	auribani GHS	-	HS
1083	Sundargarh	Hemair		sumel AS	_	SHS
1084	Sundargarh	Hemgir		chuan AS	_	AS
1085	Sundargach	Kolda		rigula HS	_	12
.086	Sundargarh	Koida		pna HS	_	łS
087	Sundargarh	Kolda		ndlhi GHS		rs .
.088	Sundargarh	Koida			_	iHS
089	Sundargath	Kolda	-	ayambha AS		S
090	Sundargarh	Kuarmunda		iyambha GHS	_	HS
091	Sundargarh	Kuarmunda		lalf Jambahai AS ki HS	H	
092	Sundargarh	Kuarmunda			H.	S
093	Sundargam	Kutra		nbhailtarla GHS	GI	H\$
94	Sundargath	Kutra		ngatoli AS	AS	5
	Sundargarh	Kutra		jeern GHS	GH	4S
	Sundargarh	Lahunipada		nga AS	AS	
	Sundargarh	Lahunipada		nabhuin A\$	AS	
_	an earl Part I	ranumpaoa	Dale	isara AS	AS	

1098	Sundargarh	Lahunipada	Khuntagaan EC	GHS
1099	Sundareach	Lahunipada	Khustagaon GH5	GHS
11.00	Sundargarh	Lahunipada	Phuljhar HS	HS
1101	5undargarh	Lathikata	Rangamatia AS	AS
1102	Sundargarh	Lathikata	Ratobirikela GHS	GHS
1103	Sundargarh	Lephripada	Alapaka AS	AS
1104	Sundargarh	Lephripada	Bhedibahal HS	HS
1105	Sundargarh	Lephripada	Chhatenpali GH5	GHS
1106	Sundargarh	Lephripada	Chhotbanga GHS	GHS
1107	Sundargarh	Lephripada	Sarda AS	AS
1108	Sundargarh	Nuagaon	Lahanda AS	AS
1109	Sundargarh	Nuagaon	Lahanda GHS	GHS
1110	Sundargarh	Nuagaon	Nuagaon GHS	
1111	Sundargarh	Rajgungpur	Jampalli GHS	GH\$
1112	Sundargarh	Rajgangpur	Malidihi HS	GHS
11.13	Sundargarh	Subdega	Chattasargi GHS	HS
1114	Sundargath	Subdega	Tangurgaon HS	GHS
1115	Sundargarh	Sundargarh		lH\$
1116	Sundargarh	Sundargarh	Baragada GHS	GHS
1117	Sundargarh		Lahandabud HS	HS
1118		Tangarpalli	Aleikera HS	HS
	Sundargath	Tengarpalli	Meghadaji A\$	H\$
1119	Sundargarh	Tangarpalfi	Pithabhuin AS	AS.
1120	Sundargarh	Tangarpəlli	Telendihi GHS	GHS

23.00

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329

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Appendix VII:

PRICE BID

That Bidder who meet the eligibility criteria should give supporting documents for technical evaluation and financial evaluation Consultants to Supply, Install and maintain the CCTV Surveillance project in Residential High Schools and Ashram Schools of SSD Departments as per the detailed format given below.

	ANNEXURE -A : Supply Material							
Sl. No	Description of Items	Brand	Qty	Unit	Base Rate (Rs.) (Approx.)	Tax (%)	Rate Including Tax (Rs.)	Amount (Rs.)
1	Environmental Bullet Camera with IR. • 2 megapixel (MPx) resolution, • Up to 30 images per second (ips) • zoom lens, • Operating temperature up to 55°C (131°F), • Up to 64 GB edge storage with Micro SD card, • Motion detection and camera sabotage detection, • Power over Ethernet (PoE) Class 3, 24 VAC ± 10%, • Vandal resistant to IK10, IP66 ingress protection.		3360	No's				

2	Up to 4 channel IP camera input H.265/H.264 dual codec decoding Up to 2Mp resolution preview and playbackMax 200Mbps incoming bandwidthSupport 2 SATA HDDs up to 12TB, 2 USB(1 USB3.0) HDMI / VGA simultaneous video output Support Multi-brand network cameras ONVIF Version 2.4 conformance	1120	No's			
3	6TB Surveillances HDD	1120	No's			
4	4PORT 10/100Mbps Mini PoE Switch 4 Port 10/100Mbps Mini PoE switch,1x 100Mbps Uplink port,802.11af/at,maximum distance supported 250Meter,power supported 48watt, External Power Adopter	1120	No's			
5	6U Rack with Power Supply	1120	No's			
6	CAT6 4Pair 23 AWG UTP cable	224000	Mtrs			
7	14.5 Inches LED monitor with HDMI Cable	1120	No's			
8	GI wire	224000	Mtrs			
9	Offline UPS 1VA	1120	Lot			
			Sub To	otal		
	PART –B (Installation Part)					

1	Commissioning of the complete system		1120	Lot		18		
				Sub 7	Total Total			
	PART -C (Support CAMC)							
1	On Site Support- CAMC Charges for 1st Year		1	Year		18		
2	On Site Support- CAMC Charges for 2 nd Year		1	Year		18		
3	On Site Support- CAMC Charges for 3 rd Year		1	Year		18		
	# Preventive Maintenance by Bidder	once in every	2 month	s to eac	h installed location	n		
					Sub Total			
	GRAND TOTAL = ANNEXUR							
	Grant Total (in words)							

OPHWC may make necessary changes if felt appropriate based on the technical specification suggestion received from interested bidders and the price bid would be opened from those bidders who qualify the above-mentioned Pre-Qualification criteria.

Note# The No. of Installations estimated is 1120 (approx.), and may vary as per actual present site condition.

Date:	

(Seal/Stamp of Bidder)