

NEPAL ELECTRICITY AUTHORITY

Generation Directorate

Large Generation, Operation & Maintenance Department

Kulekhani First Hydro Power Station

Dhorsing, Makwanpur, Nepal



SEALED QUOTATION (SQ)

CONTRACT ID NO: NEA-KL1-073/74-ESQ-02

SEALED QUOTATION DOCUMENT

FOR

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF CCTV
CAMERAS & ITS ACCESSORIES AT POWERHOUSE OF KL1HPS**

June, 2017

Nepal Electricity Authority
Generation Directorate
Large Generation, Operation & Maintenance Department
Kulekhani First Hydro Power Station
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Section I

Invitation for Sealed Quotation

Invitation for Bids (IFB)

(First date of Publication: 2074/02/26 (09/06/2017))

1. Nepal Electricity Authority (NEA), Generation Directorate, Large Generation, Operation & Maintenance Department, Kulekhani First Hydro Power Station invites wax Sealed quotation from eligible bidders/manufacturers for the works listed in the table below :

Sealed quotation No:	Work Description	Last date for Bid Purchase	Last date for Bid Submission and opening	Bid Opening Date	Bid Bond (Amount & Validity)
NEA- KL1-073/74- ESQ-02	SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF CCTV CAMERAS & ITS ACCESSORIES AT POWER HOUSE OF KL1HPS	2074/03/09	2074/03/11 till 12:00 Noon	2074/03/11 at 14:00 PM	NRs. 15,500.00, 75 days

2. A complete set of Bid Documents may be purchased during office hours from office of KL1HPS , Dhorsing, Makwanpur or office of Large Generation, Operation & Maintenance Department, Durbar marg, Kathmandu on all working days by any interested Bidder from **2074/02/26** onwards upon submission of a written application to the addresses below accompanied by a bank voucher (non refundable) of **NRs. 500.00** for **Sealed quotation** towards the cost of the Bid Documents deposited in Kulekhani First Hydro Power Station's A/C No. 0101011651801 at NABIL Bank, Hetauda, Makawanpur, Nepal. The Bid documents shall be available for sale up to one day before the last date of Bid submission as specified in table above.
3. The Bidders must produce a **notarized copy** of the certificates of VAT registration and PAN registration and Tax Clearance Certificate (2072-73) or authorize process letter issued by Tax Revenue Office at the time of purchase of the Bid Documents.
4. All Bids accompanied by a Bid Bond of an amount with validity period specified above must be delivered in accordance with the Instructions to Bidders at or before **12:00** hour local time on or before the dates at **Office of Kulekhani First Hydro Power Station**. The Bids shall be opened at **14:00** hours local time on the same date of the Bid submission, in the presence (or without presence) of the authorised representatives of the Bidders who choose to be present. If the specified dates of Bid purchase, submission and opening fall on a public holiday, the same shall be done on the next working day.
5. NEA shall not be responsible for any costs or expenses incurred by Bidders in connection with the preparation or submission of Bids.
6. NEA reserves the right to accept or reject any Bid, partly or wholly, or cancel the Bids altogether, without assigning any reason whatsoever.
7. Interested eligible Bidders may obtain further information on the Bids or inspect the Bid Documents at the office given below or information pertaining to Bid and e-bidding from NEA's website <http://www.e-nea.org.np>
8. Any amendment in the tender notice shall be published in the NEA Web Portal and NEA Generation Directorate , Durbar marg, Kathmandu
Nepal Electricity Authority
Kulekhani First Hydropower Station,
Dhorsing, Makwanpur, Nepal
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Nepal Electricity Authority

Generation Directorate

(Publication Date 2074/02/26)

National Competitive Bidding

Sealed Tenders/Quotation are invited for the following Schemes of Nepal Electricity Authority, Large & Medium Generation Operation & Maintenance Department (LGOMD & MGOMD)

S. No.	Works/Jobs (e-bid)	Bid No.	Sale of Bid Documents till date (Office time)	Last date of Bid Submission, Opening Time & Place	Cost of Bid Documents (Bank deposit)	Bid Security/ Bid Bond (Bank Deposit/ Bank Guarantee)	Bid Documents available at	Bank A/C No
Trishuli Hydro Power Station (THPS), Trishuli, Nuwakot								
1	Supply and Delivery of Lubricants and Consumables	THPS-073/74-M/SQ-09	Up to 2074/03/09	2074/03/11 till 12:00 Noon & 02:00 PM, Trishuli Hydropower Station, Trishuli, Nuwakot.	Nrs 500/-	Nrs. 22,000/-	Medium Generation O. & M. Dept., Kathmandu & Trishuli Hydro Power Station, Trishuli, Nuwakot	Nepal Bangladesh Bank, Battar, Current A/C No. 018152 'C'
2	Runner Repair Works for Unit 3,5	THPS-073/74-M/ST-11	Up to 2074/03/25	2074/03/26 till 12:00 Noon & 02:00 PM, Trishuli Hydropower Station, Trishuli, Nuwakot.	Nrs. 3,000/-	Nrs. 80,000/-	Hydro Power Station, Trishuli, Nuwakot	
Kulekhani-I Hydro Power Station (KL-I), Dhorsing, Makwanpur.								
1	Supply, Delivery, Installation, Testing and Commissioning of CCTV Camera and its accessories at Powerhouse of KL1 HPS	NEA-KII-073/74-ESQ-02	Up to 2074/03/09	2074/03/11 till 12:00 Noon & 02:00 PM, Kulekhani-I HPS, Dhorsing, Makwanpur	Nrs.500/-	NRs. 15,500/-	Large Generation O & M Dept, Kathmandu and KL-I HPS, Dhorsing	A/C No. 0101011551801, Nabil Bank Ltd., Hetaunda

For Further details and downloading of Bid Documents please visit our Website <http://www.nea.org.np> or Contact at 010-560423 (THPS), 057-410031 (KL-I), 01-4153070 (LGOMD) & 01-4153081 (MGOMD), 01-4153070 (LGOMD)



Section II

Instructions to Bidders

1. Scope of Works	The Purchaser stated in the Invitation for Quotation invites bids for the supply and delivery of the goods and related services as detailed in attached specifications, drawings and the bill of quantities provided herein. .
2. Eligible Bidder	This Invitation for Bids is open to all registered Contractors with qualifications as described below: a) Up to date Firm/Company Registration Certificate b) VAT and PAN Registration Certificates c) Tax Clearance Certificate d) Power of Attorney e) Other documents as needed
3. ONE BID PER BIDDER	a) Each Bidder shall submit only one quotation, A Bidder who submits more than one quotation shall cause all the quotations with the Bidder's participation to be disqualified.
4. Content of Quotation Form	The Quotation Form comprise the documents listed below: Invitation for Sealed Quotations Instructions to Bidders Sample Forms / Form of Agreement General Conditions of Contract (GCC) Schedule of Requirements Technical Specifications Drawings
5. Clarification	A prospective Contractor/Bidder may obtain clarification on the Quotation Form from the Purchaser.
6. Language of Quotation	All documents relating to the Quotation shall be in English or in Nepali.
7. Documents Comprising Quotation	The Quotation by the Bidder shall comprise the following: a. Quotation and Price Schedules b. Bid Security c. Schedule of Requirements
8. Quotation Prices	The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total price of the goods to be supplied under the contract. All duties, taxes and other levies payable by the Bidder under the contract shall be included in the rates, prices and



	<p>total Bid Price submitted by the Bidder.</p> <p>Price quoted by the Bidder shall remain fixed and valid until completion of the Contract Performance and will not be subject to variation in any account.</p> <p>Price quoted by the bidder in BOQ shall be exclusive of VAT in both Labour as well as material cost.</p>
9. Quotation Validity	The Quotation shall remain valid for the period of 45 days after opening of the quotation.
10. Quotation Security	<p>The Bidder shall furnish a Security of NRs. 15,500.00 (Nepalese Rupees Fifteen Thousands Five Hundreds only). The Bid Security shall remain valid for a period of 75 days after opening of the quotation.</p> <p>The Security shall be in the form of cash voucher deposited in Kulekhani First Hydro Power Station's A/C No. 0101011651801 at NABIL Bank, Hetauda, Makawanpur, Nepal or a Bank guarantee from the bank acceptable to employer.</p>
11. Format and Signing of Quotations	The Quotation shall be typed or written in indelible ink and shall be signed by an authorized person. Any entries or amendments including alternations, additions or corrections made shall be initialed by the same authorized person.
12. Sealing and Marking of Quotations	The Bidder shall submit his Quotation in sealed envelopes. The envelope shall be addressed to the Purchaser specified in the Invitation for Quotation and shall bear the name and identification number of the quotation.
13. Deadline for Submission of Quotations	Quotations shall be delivered to the Purchaser at the address no later than the time and date specified in the Invitation for Quotation.
14. Late Quotation	Any Quotation received by the Purchaser after the deadline shall not be accepted and shall be returned unopened to the Bidder upon request.
15. Modification And Withdrawal	Quotations once submitted shall not be withdrawn or modified.
16. Bid Opening	<p>The Purchaser shall open the Quotations in the presence of the Bidders' representatives who choose to attend at the time and in the place as specified in the Invitation for Quotation.</p> <p>The Purchaser shall prepare and provide minutes of the opening including the information disclosed to those present.</p>
17. Process to be Confidential	<p>Information relating to the examination, evaluation and comparison of Quotations and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any efforts by the Bidder to influence the</p> <p>Purchaser in the Quotation evaluation, comparison or contract award decisions may result in rejection of Bidder's quotation.</p>



18. EXAMINATION OF QUOTATIONS	<p>Prior to the detailed evaluation of Quotations, the Purchaser shall determine whether each Quotation</p> <ul style="list-style-type: none"> (a) meets the eligibility criteria defined in Clause 2; (b) has been properly signed; (c) is accompanied by the required securities; and (d) is substantially responsive to the requirements of the Bidding documents.
19. Evaluation and Comparison of Quotations	<p>19.1 In evaluating the Quotations, the Purchaser shall determine for each Quotation the evaluated Bid Price by adjusting any corrections for errors. Quotations shall be checked by the Purchaser for any arithmetic errors. Errors shall be corrected by the Purchaser as follows:</p> <ul style="list-style-type: none"> a. where there is a discrepancy between the amounts in figures and in words, the amount in words shall govern; and b. where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted shall govern <p>19.2 If the Bidder does not accept the corrected amount, the Quotation shall be rejected and the Security pursuant to Clause 10 may be forfeited.</p>
20. Award of Contract	<p>The Purchaser shall decide the award of the contract, within 15 days of the opening of the quotation, to the Bidder whose Quotation is within the approved estimate and who has offered the lowest evaluated Bid Price, provided that such Bidder has been determined to be eligible in accordance with the provisions of Clauses 2.</p>
21. Purchaser's Right to Accept or Reject	<p>The Purchaser reserves the right to accept or reject any Quotation or to cancel the bidding process and reject all Quotations, at any time prior to the award of the contract, without assigning any reasons whatsoever and without thereby incurring any liability to the affected Bidder or Bidders.</p>
22. Notification of Award and Signing of Agreement	<p>22.1 The Bidder whose Quotation is accepted and all other participating bidders shall be notified of the award by the Purchaser. Within 7 days of receipt of the notification, the successful Bidder shall deliver the Performance Security pursuant to Clause 23 and sign the Agreement.</p> <p>22.3 Inability of the Bidder to make an Agreement within the above stated period shall result in cancellation of the Contract Award and forfeiture of the Bidder's Security, upon which the Contract shall then be awarded to the next successive successful Bidder.</p>



23. Performance Security	<p>The successful Bidder shall deliver to the Purchaser a Performance Security in cash or Bank Guarantee acceptable to the Purchaser equivalent to 5% of the Quotation amount. In case the quoted amount is less than 15%, the successful bidder shall deliver additional performance Security amount equivalent to 50% of the amount below 15%.</p> <p>For the bid price less than 15 percent of the cost estimate, the performance security amount shall be determined as follows:</p> <p>Performance Security Amount = (0.85 x Cost Estimate – Bid Price) x 0.5 + 5% of Bid Price.</p>
24. Eligibility Requirements:	<p>All Bidders shall submit following documents as pre- requisites for eligibility:</p> <ol style="list-style-type: none"> Up to date Registration Certificate: Pan Registration Certificate: Up to date Tax Returns/ Clearance: Power of Attorney: Place of registration: A written declaration made by the Bidder stating that the Bidder is not ineligible to participate in the bid; has no conflict of interest in the bid procurement proceedings and has not been punished for the profession or business related offence.



Special Instructions to Bidders for E-Bidding

General procedures for electronic bid submission (e-submission) is described below.

Bid preparation

A Bidder who wish to submit the bid electronically may purchase the Bid Document directly from the Employer office or may download the bid document from the website and deposit the equivalent amount in the Revenue account of the employer as specified in the notice or/and Bid Document.

Description of bid submission procedure through electronically (e-submission) only:

- i) Interested bidders shall, either purchase the Bid Document directly from the Employer office or may download the bid document from the website and deposit the equivalent amount in the Revenue account of the employer as specified in the notice or/and Bid Document.
- ii) The Bidder shall fill the following documents and forms (in hard copy of issued bid documents), signed by the authorized representative with seal of the company
 - a) *Bill of Quantity (BOQ) with rate, amount*
 - b) *Forms of Bid, Qualification Information*
- iii) The Bidder shall then scan the completed original documents, forms in PDF files with appropriate filename shown in the table below.

S No	Document	PDF File Name	Requirement	Remarks
1	Letter of Bid	Letter of Bid-1	Mandatory	
2	Bid Security (Bank Guarantee)	Bid Security-2	Mandatory	
3	Company Registration	Company Reg-3	Mandatory	All firms of JV
4	VAT Registration	VAT Reg-4	Mandatory for National firms	All firms of JV
5	Tax clearances certificate for F/Y 072/73	Tax-5	Mandatory for National firms	All firms of JV
6	Power of Attorney of Bid Signatory	Power of Att-6	Mandatory	
7	Business Registration (License) Certificate	License-7	Mandatory	
8	Bank Voucher for Cost of Bidding document	Voucher-8	Mandatory	
9	Joint Venture Agreement	JV-Doc-9	Mandatory for JV Firm	In case of JV
10	Qualification Information	Qualifications-10	Mandatory	
11	Applicable Price Adjustment Table	Price adjust-11	Mandatory if applicable	
12	Complete BOQ	BOQ-12	Mandatory	
13	Eligibility Information	Eligibility-13	Mandatory	Additional Documents
14	Schedule of Requirement	Sch. Of Req.-14	Mandatory	
15	Manufacturer's Authorization	Auth-15	Not Mandatory	
16	Technical Data Sheet	TDS-16	Mandatory	
17	Catalogues mentioned in Technical Specification	Catalogues-17	Mandatory	
18	Type Test Certificate	Certificate-18	Not Mandatory	
19	ISO certificates	ISO-19	Not Mandatory	



Note; Mandatory means the mentioned files shall be in e-submission and non-submission of such file shall be considered as non-responsive.

- iv) For e-submission purpose the Bidder shall, at first, register in the e-procurement section of NEA Web site <http://www.nea.org.np>
- v) After preparing all the required bidding documents in PDF scan files as specified in (ii) and (iii), the Bidder shall upload the PDF bid files and submit his complete bid online through e-procurement section of NEA website <http://www.nea.org.np> within the specified date and time.

The Employers address for the purpose of e-submission of bid:

The Employers address for the purpose of electronic Bid submission is e-procurement section of <http://www.nea.org.np>.

In case of e-submission of bid, the bidder shall submit his bid electronically in PDF files in the manner as specified above and additional submission of hard copy of "Original plus one copy of bid" is not mandatory.

In case both the electronic bid and original bid in hard copy are submitted to the Employer within the specified time period, the Bidder's electronic bid and original bid in hard copy will be accepted for evaluation provided the Bid price in Bill of Quantity Sheet is same. If there is any discrepancy in Bid price in Bill of Quantity between the electronic and original bid in hard copy it will be treated as two separate bids from one Bidder and hence, both the electronic bid and original bid in hard copy shall be disqualified, as per ITB Clause.

However, for electronically submitted bid in PDF files, the bidder shall be required to submit documents/clarifications as specified in ITB Clause.

The deadline for e-submission of bid shall be:

- i) Bidders shall be also explained about the details of e-submission procedures in the pre-bid meeting.
- ii) The e-procurement system will accept the e-submission of bid during office hours from the date after publishing the notice and will automatically not allow the e-submission of bid after the deadline for submission of bid, as specified above.
- iii) The standard time for e-submission is Nepalese standard time as set out in the server of NEA.
- iv) In case of e-submission of bid, the Bidder shall submit his bid electronically in PDF files in the manner as specified in ITB Clause only, and submission of "original plus one copy" shall not be required before deadline for submission time as per ITB Clause.



Provision for Substitution or Modification or Withdrawal of Bid

When a bidder submits his bid in hard copy the e-procurement section does not allow the Bidder to submit his Substitution, or Modification, or Withdrawal through e- procurement section of NEA's Web site.

In case of e-submitted bid;

- Bidders may submit his Substitution or Modification or Withdrawal either in hard copy or through e-submission.
- For Substitution of Bid the Bidder shall follow similar steps as specified in ITB - Clause with a Substitution letter in PDF file.
- For Modification or Withdrawal of bid the Bidder is required to submit PDF scan copy of their Modification or Withdrawal letter and a written Power of Attorney of the signatory for Modification/ Withdrawal, duly signed by Authorized Representative/s of the Firm / all authorized Joint Venture partners.

Bid opening for e-submitted bid;

- Electronically submitted bid shall be opened first at the same time and date as specified in the ITB and IFB notice.
- The e-procurement system allows the Employer to download and open the e-submitted bid files from bidders only after the time for opening the bids.
- The e-submitted bids must be readable through open standards interfaces. Unreadable and or partially submitted bid files (not complying the ITB Clauses) shall be considered incomplete and rejected for further bid evaluation.
- After opening of e-submitted bids files, all files shall be printed and recorded at the time of bid opening.

In case of "WITHDRAWAL" or "MODIFICATION" or "SUBSTITUTION" by the Bidder through e-submission, the e-submitted PDF files under "WITHDRAWAL" or "MODIFICATION" or "SUBSTITUTION" shall be opened and read out first. Bids for which acceptable notice of "WITHDRAWAL" or "SUBSTITUTION" has been submitted pursuant to ITB Clause shall not be opened.

Clarification of Bid

In case of e-submission of bid, the Bidder shall be required to submit the original completed Bid consisting of Forms of Bid, Qualification Information, Special Conditions of Contract, Bill of Quantities, Supplementary Information and other clarifications for verification purpose upon notification to do so from the Employer.



Examination of e-submitted Bids and Determination of Responsiveness

For a e-submitted bid to be substantially responsive the requirement as specified in the ITB Clauses shall be fulfilled.

Evaluation and Comparison of e-submitted Bids

- 1) In case of e-submitted bids, the Employer evaluates the bid based on the information as per electronically submitted bid files. For clarification/ verification purpose, the Employer may request the Bidder to submit documents/ clarifications as specified in ITB Clause.
- 2) In case, the Bidder could not substantiate or provide evidence to prove the information provided in e-submitted bid through documents/ clarifications as per ITB Clause, the bid shall not be considered for further evaluation and respective ITB Clause for forfeiture of bid security shall be applicable.

Steps to be followed by a Bidder to submit the electronic bid submission

1. Prepare the paper bid document

- Either purchase the Bid Document directly from the Employer office or may download the bid document from the website and deposit the equivalent amount in the Revenue account of the employer as specified in the notice or/and Bid Document.
- Fill the rates and amount in BOQ,
- Fill the Bid Form,
- Prepare the necessary copy of Company registration, VAT/PAN registration, Tax clearance certificate,
- Prepare the necessary specific papers like Power of Attorney for bid signatory, Joint Venture agreement, if bidding in JV,
- Prepare summary of qualification information sheet (Financial turnover, Experience, Manpower, Equipment, Credit line, Litigation etc) in the specified format,
- Prepare the bid guarantee letter for the specified bid security amount and in the specified format,

2. Prepare the Electronic bid files in pdf format

Once prepared the above paper documents the bidder shall prepare the electronic bid files in pdf format as follows;

- Scan the above documents in pdf format, give the specific file name for each document,
- Prepare all scanned bid files in pdf format and save them in a separate folder in own computer to ease bid uploading process.

3. Electronic bid submission

- Once the electronic bid files are ready the Bidder shall connect to internet,
- Open the NEAs website www.nea.org.np and open E-procurement section,
- Register in the Bidders name and get User name and Password for Login,
- Confirm the registration by clicking the specified link in auto generated e-mail from NEAs web site,
- After confirmation for bidder's registration click Bidder, fill User name, Password and Login,



- Choose and click the specific tender notice for which the electronic bid files has been prepared,
- Click the Bid now button to submit the electronic bid files,
- Upload each specified electronic bid files by clicking the Upload button and select the respective bid files by Browsing,
- Once all the electronic bid files are uploaded, click the Submit the Bid button for final e-submission of electronic Bid,
- Once the e-submission is successfully completed the Bidder shall receive a auto generated confirmation e-mail from the NEAs website,
- Bidder to keep the conventional paper bid document, qualification information, and other related documents safe as the Buyer may seek the supporting bid documents and clarifications, as necessary during bid evaluation process.
- The Bidder shall submit the necessary supporting documents and clarifications (conventional bid document)



Section III

General Conditions of Contract (GCC)

1. Definitions	<p>1.1 In this contract, the following terms shall be interpreted as indicated:</p> <p>"The Contract" means the agreement entered into between the Purchaser and the Contractor, as recorded in the Contract Form Signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein;</p> <p>"The Contract Price" means the price payable to the Contractor under the contract for the full and proper performance of its contractual obligation;</p> <p>"The Goods" means Equipment and related Accessories and spare-parts or any other materials which the Contractor is required to supply to the Purchaser under the contract;</p> <p>"Services" means services ancillary to the supply of the goods such as transportation and insurance including the installation, commissioning and the operational and maintenance training of the supplied equipment.</p> <p>"The Purchaser" means the procuring entity purchasing the goods;</p> <p>"The Contractor" means the organization supplying the goods and services under this contract.</p>
2. Technical Specification	<p>2.1 The goods supplied under this contract shall confirm to the standards mentioned in the Technical Specification.</p>
3. Patent Right	<p>3.1 The Contractor shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of goods or any part thereof in the Purchaser's country.</p>
4. Performance Security	<p>4.1 Within seven days (7) of receipt of award of contract from the Purchaser the successful Bidder shall furnish the performance security in accordance with the Sub - Clause 4.3 of the Conditions of Contract in the Performance Security Form provided in the Bidding Documents.</p> <p>4.2 Failure of the successful Contractor to comply with the requirement of Sub - clause 4.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest Contractor or call for new sealed quotations.</p> <p>4.3 The performance security will be as follows: The amount of performance security shall be as per ITB 23.</p> <p>4.4 The validity of Performance Security shall be one (1) year after the commissioning of works and the issue of final acceptance certificate to the Contractors. The Contractor shall</p>



	<p>promptly extend the validity suitably to cover agreed extension of the warranty period of the supplied goods.</p> <p>4.5 The performance security shall be released within 28 days of completion of warranty period and upon submission of claim by the Contractor.</p>
5. Inspection and Tests	<p>5.1 The Purchaser or its Representative shall have the right to inspect and/or test the goods to confirm their conformity to the Technical Specification and the quality of performance before/after the supply and delivery of good to the Purchaser's premises.</p>
6. Packing	<p>6.1 The Contractor shall provide such packing of the goods as is required to prevent their damage or deterioration during transmit to their final destination as indicated in the contract.</p> <p>6.2 The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage.</p> <p>6.3 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided in accordance with international standard and practice.</p>
7. Delivery of Goods	<p>7.1 Delivery of the goods shall be made by the Contractor in accordance with the terms specified by the Purchaser in its Schedule of Requirements.</p> <p>7.2 The terms "EXW", "FOB", "CIF", "CIP" etc., shall be governed by the rules prescribed in the current edition of INCOTERMS published by the International Chamber of Commerce (ICC), Paris.</p>
8. Insurance	<p>8.1 The goods supplied under the contract shall be fully insured in the currency of the Sealed Quotation price against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified.</p> <p>8.2 Where delivery of the goods is required by the Purchaser on a CIF or CIP basis to a specified destination, the Contractor shall arrange and pay for insurance, naming the Purchaser as the beneficiary and the Contractor shall be required to meet all transport and storage expenses until delivery.</p>
9. Warranty	<p>9.1 The Contractor warrants that all the goods supplied under the contract shall fully comply with the specification laid down in the contract.</p>



	<p>9.2 The warranty for all goods supplied shall remain valid for one year after the goods have been delivered and installed at site indicated in the contract, and accepted by the Purchaser after installation and commissioning of equipment by the Contractor.</p> <p>9.3 The Purchaser shall promptly notify the Contractor in writing of any claims arising under this warranty.</p> <p>9.4 Upon receipt of such notice, the Contractor shall, with all reasonable speed, replace the defective goods without cost to the Purchaser. The Contractor will be entitled to remove, at its own risk and cost, the defective goods.</p>
10. Payment	<p>10.1 Payment shall be made in the currency in which the contract price has been stated in the Contractor's Sealed Quotation.</p> <p>10.2 Payment of the goods supplied from within Nepal shall be made in Nepali Rupees after the delivery of goods.</p>
11. Prices	<p>11.1 Prices charged by the Contractor for goods delivered under the contract shall not vary from the prices quoted by the Contractor in its sealed quotation.</p>
12. Changed Order	<p>12.1 Where the Purchaser desires to make changes in Schedule of Requirement, it shall not exceed more than 15 percent.</p>
13. Liquidated Damages	<p>13.1 If the Contractor fails to deliver any or all of the goods within the time period specified in the contract, the Purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.05 percent of the contract price of delayed goods for each day of delay until actual delivery, up to a maximum deduction of 10 percent of the delayed goods' contract price. Once the maximum is reached, the Purchaser may consider termination of the contract.</p>
14. Resolution of Disputes	<p>14.1 If any dispute or difference of any kind whatsoever shall arise between the Purchaser and the Contractor in connection with or arising out of the Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.</p> <p>14.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or Contractor may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.</p>



	<p>14.2.1 Any dispute or difference in respect of such a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.</p> <p>14.2.2 Arbitration proceedings shall be conducted in accordance with in accordance with the rules of Nepal Council of Arbitration (NEPCA).</p> <p>14.3 Notwithstanding any reference to arbitration herein,</p> <ol style="list-style-type: none"> a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and b. the Purchaser shall pay the Contractor any monies due the Contractor.
15. Governing Language	15.1 The Governing Language shall be: Nepali or English
16. Applicable Law	16.1 The applicable law shall be Laws of Nepal.
17. Notices	<p>17.1 Purchaser's address for notice purposes: Nepal Electricity Authority, Kulekhani First Hydro Power Station, Dharsing, Makwanpur.</p> <p>17.2 Contractor's address for notice purposes:</p>
18. Taxes and Duties	18.1 The Contractor shall be entirely responsible for all taxes, duties, license fees and other such levies imposed by the GON.
19. Operation, Maintenance and Spare-parts Manuals	19.1 The successful Contractor shall supply 2 copies of manufacturer's operation, maintenance and spare-part manuals of the goods (Equipment).
20. Conduct of Contractors	<p>20.1 The Contractor shall be responsible to fulfill his obligations as per the requirement of the Contract Agreement, Bidding documents, GoN's Procurement Act and Regulations.</p> <p>20.2 The Contractor shall not carry out or cause to carry out the following acts with an intention to influence the implementation of the procurement process or the procurement agreement :</p> <ol style="list-style-type: none"> a. give or propose improper inducement directly or indirectly, b. distortion or misrepresentation of facts c. engaging or being involved in corrupt or fraudulent practice d. interference in participation of other prospective bidders. e. coercion or threatening directly or indirectly to impair or harm, any party or the property of the party involved in the procurement proceedings, f. collusive practice among bidders before or after submission of bids for distribution of works among



	<p>bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Purchaser the benefit of open competitive bid price..</p> <p>g. Contacting the Purchaser with an intention to influence the Purchaser with regards to the bid or interference of any kind in examination and evaluation of the bids during the period after opening of bids up to the notification of award of contract</p>
<p>21.Blacklisting Contractor</p>	<p>21.1 Without prejudice to any right of the Purchaser under this Contract, the GoN, Public Procurement and Monitoring Office(PPMO) may blacklist a Contractor for his conduct up to three years on the following grounds and seriousness of the act committed by the Contractor:</p> <ul style="list-style-type: none"> a. if it is proved that the Contractor committed acts pursuant to the Sub - clause 20.2, b. if the Contractor fails to sign an agreement pursuant to ITB Clause 22, c. if it is proved later that the Contractor had committed substantial defect in implementation of the contract or had not substantially fulfilled his obligations under the contract or the completed work is not of the specified quality as per the contract , d. if convicted by a court of law in a criminal offence which disqualifies the Contractor from participating in the contract. <p>21.2 A Contractor declared blacklisted and ineligible by the GON shall be ineligible to bid for a contract during the period of time determined by PPMO.</p>



Section IV
Schedule of Requirements

NEPAL ELECTRICITY AUTHORITY
Generation Directorate
Large Generation, Operation & Maintenance Department
Kulekhani First Hydro Power Station
Dhorsing, Makwanpur, Nepal

Sealed Quotation No.: **NEA-KL1-073/74-ESQ-02**
Job: **Supply, Delivery, Installation, Testing and Commissioning of CCTV cameras & its accessories at Powerhouse of KL1HPS.**

Delivery Schedule Required By NEA: The complete work including supply and delivery shall be completed within the calendar days specified below from the date of signing the contract agreement.

Work Completion Period: **30 Days** from the day of issuance of work order.

Name of the Bidder:

Company Seal:

.....
Authorized Signature of the Bidder

Date:



Section V

Technical Specifications

1. Introduction

NEA, Kulekhani First Hydro Power Station, Dhorsing, Makwanpur intends to procure and install **CCTV cameras & its accessories at Powerhouse of KL1HPS**. Proposed camera should be suitable to produce video signal with error free display and must be operational inside Powerhouse environment. The camera should provide natural and clear image in the location where lighting is insufficient or where black light is the problem. The cameras shall be complete in all respect with accessories and user manuals.

2. Background

Kulekhani is currently a sole large water storage type Hydro-electric Power Station in Nepal. The installed Capacity is 60 MW with two units of 30 MW each having Pelton type turbines as their prime mover. The Kulekhani First Hydro Power Station is situated in dhorsing, Lower Mahabharat Range of Makwanpur District, Central region of Nepal at about 30 Km. to the south-west of Kathmandu. The Underground Power House, Control House and Office is located at Dhorsing in Makawanpur District (about) 65 kms. from Kathmandu by (Hetauda-Pharping-Kathmandu) road.

3. Installation & Commissioning work of supplied CCTV system

- In total 9 numbers of CCTV system are to be installed inside Power house and their display and control units are to be installed at Control house of KL1HPS.
- Cameras should be located in such a way that they focus following major components of Power House.

Camera No.	Main focus	Type of Camera	Location	Objective
1	Power transformers and overall view of machine hall	2 MP 20X Network IR PTZ Dome Camera	Machine Hall	To capture overall view of machine hall
2	Motor control centre of Unit No. 1	2.0 MP ICR Network Bullet Camera	Generator Hall	To observe On/Off status of various motors, pumps and compressors at Power house
3	Motor control centre of Unit No. 2	2.0 MP ICR Network Bullet Camera	Generator Hall	
4	Governor cabinet and its analog meters of Unit No. 1	2.0 MP ICR Network Bullet Camera	Generator Hall	To observe readings of analog meters present at Governor cabinet
5	Governor cabinet and its analog meters of Unit No. 2	2.0 MP ICR Network Bullet Camera	Generator Hall	
6	Generator Upper guide bearing oil level of Unit No. 1	2.0 MP ICR Network Bullet Camera	Inside Generator room	To regularly monitor Generator upper guide bearing oil level
7	Generator Upper guide bearing oil level of Unit No. 2	2.0 MP ICR Network Bullet Camera	Inside Generator room	
8	Inlet valve and its indicator of Unit No. 1	2.0 MP ICR Network Bullet Camera	Turbine Hall	To observe status and movement of inlet valve during opening/closing
9	Inlet valve and its indicator of Unit No. 2	2.0 MP ICR Network Bullet Camera	Turbine hall	



- Laying of Fiber Optics cable from Control house to Power house along Cable gallery shall be done by Contractor. Also, all wiring works and installation works shall be done by Contractor.
- Fiber splicing of fiber optic cable for distribution of optical link at Power House and Control House shall be provided by Contractor. Also, all accessories required for installation shall be provided by Contractor.
- Network Video Recorder (NVR) and 32" Display Unit shall be placed at Control house.
- Cameras should be able to properly focus on all the components mentioned above. Optimum location of Cameras for this purpose shall be allocated accordingly in such a way that all the indications and meter readings are clearly displayed in 32" LED display Unit. Bidders are encouraged to visit site for detail understanding of work.
- Operation of system with training shall be provided by the contractor after fully installation and commissioning of system.

Note:

* The bidders are requested to visit the working site for detail information at Kulekhani First Hydropower Station.

4. Technical Specifications and Datasheet

The technical specifications of various components to be supplied under this contract at Kulekhani First Hydro Power Station are as follows.

2.0 MP ICR Network Bullet Camera			
S.No.	Description	NEA's Requirement	To be filled by Bidder
1	Make		
2	Model		
3	Country of origin		
4	Camera		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR	
	Shutter Speed	1/3 s to 1/100,000 s, support slow shutter	
	Lens	4mm, horizontal field of view: 83° (6mm: 55°, 8mm: 38.5°, 12mm: 24.6°, optional)	
	Day & Night	IR cut filter with auto switch	
	DNR	3D DNR (Digital Noise Reduction)	
	Wide Dynamic Range	Digital WDR	
5	Compression Standard		
	Video Compression	Main stream: H.264	
		Sub stream: H.264, MJPEG	
	H.264 Type	Baseline Profile/Main Profile	
	Video Bit Rate	32 Kbps to 8 Mbps	
	Dual Streams	Support	
6	Image		



	Max. Resolution	1920 × 1080	
	Main Stream	50Hz: 1920 × 1080,1280 × 960,1280 × 720 @25fps	
	Max. Frame Rate	60Hz: 1920 × 1080,1280 × 960,1280 × 720 @30fps	
	Sub-stream	50Hz: 704 × 576, 640 × 480, 352 × 288, 320 × 240 @25fps	
	Max. Frame Rate	60Hz: 704 × 480, 640 × 480, 352 × 240, 320 × 240 @30fps	
	Image Settings	Brightness, saturation, contrast, sharpness are adjustable via web browser or client software	
	Day/Night Switch	Support auto, scheduled, and triggered by alarm input	
	Others	Mirror, BLC (area configurable), Region of Interest (support 1 fixed region),	
7	Network		
	Detections	Motion Detection, Dynamic Analysis,	
	Alarms	Video Tampering, Network Disconnected, IP Address Conflicted, HDD Full, HDD Error	
	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour	
	Standard	ONVIF(PROFILE S,PROFILE G),PSIA,CGI,ISAPI	
	General Function	Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, IP Address Filter, Watermark	
5	Interface		
	Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port	
7	General		
	Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), Humidity 95% or less (non-condensing)	
	Power Supply	DS-2CD1221- I3/I5: DC12V ± 25%, PoE (802.3af) DS-2CD1221D - I3/I5: DC12V ± 25%	
	IR Range	-I3: 30 meters/-I5: 50 meters	
	Protection Level	IP67	
	Weight	350g (0.8 lb)	
	Accessory	DS-1296ZJ Wall-Mount Bracket (Included)	



2 MP 20X Network IR PTZ Dome Camera			
S.No.	Description	NEA's Requirement	To be filled by Bidder
1	Make		
2	Model		
3	Country of origin		
4	Camera		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	F1.6, AGC On: Color: 0.05 lux, B/W : 0.01 lux, 0 lux with IR	
	Max. Image Resolution	1920 × 1080	
	Focal Length	4.7-94.0mm, 20x	
	Digital Zoom	16X	
	Zoom Speed	Approx.3s(Optical Wide~Tele)	
	Angle of View	58.3-3.2 degree (Wide~Tele)	
	Min. Working Distance	10~1,000mm(Wide~Tele)	
	Aperture Range	F1.6~F3.5	
	Focus Mode	Auto / Semiautomatic / Manual	
	DWDR	Support	
	Shutter Time	1-1/10,000s	
	AGC	Auto / Manual	
	White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp	
	Day & Night	IR Cut Filter	
	Privacy Mask	8 privacy masks programmable	
	Enhancement	3D DNR, Defog, HLC/BLC, EIS	
5	Pan and Tilt		
	Range	Pan:360° endless; Tilt: -15°~90°(Auto Flip)	
	Speed	Pan Manual Speed: 0.1°~80°/s, Pan Preset Speed: 80°/s	
		Tilt Manual Speed: 0.1°~80°/s, Tilt Preset Speed: 80°/s	
	Number of Preset	300	
	Patrol	8 patrols, up to 32 presets per patrol	
	Pattern	4 pattern scans, record time over 10 minutes for each scan	
	Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan	
	Scheduled Task	Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust	



6	Features	
	Detection	Intrusion detection, Line crossing detection, Motion detection
	ROI encoding	Support 4 areas with adjustable levels
7	Infrared	
	IR Distance	Up to 100m
	IR Intensity	Automatically adjusted, depending on the zoom ratio
8	Network	
	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Stream	Support three Streams
	Main Stream	50Hz:25fps (1920×1080,1280×960,1280×720), 50fps (1280×960,1280×720) ; 60Hz: 30fps(1920×1080,1280×960,1280×720) , 60fps (1280×960,1280×720)
	Sub Stream	50Hz:25fps(704×576,640×480,352×288);60Hz:30fps(704×480,640×480,352×240)
	Three Stream	50Hz:25fps(1920×1080,1280×960,1280 ×720,704×576,640×480,352×288); 60Hz:30fps(1920×1080,1280×960,1280 ×720,704×480,640×480,352×240)
	Image Compression	H.264/MJPEG
	Audio Input	1 audio input (Mic/Line in), 2-2.4V[p-p]; output impedance: 1KΩ, ±10%
	Audio Output	1 output, Line level, impedance: 600Ω
	Audio Compression	G.711/G.722/G.726/MP2L2
	Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
	Simultaneous Live View	Up to 20 users
	Mini SD Memory Card	Support up to 128GB Micro SD/SDHC/SDXC card. Support Edge recording
	User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
	Security Measures	User authentication (ID and PW); Host authentication (MAC address); IP address filtering
9	System Integration	
	Application programming	Open-ended API, support ONVIF, PSIA and CG , Support cloud P2P
	Web Browser	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +



Power	12 VDC & POE(802.3at, class4), Max.20W	
Working Temperature	-30°C ~ 65°C (-22°F ~ 149°F)	
Humidity	90% or less	
Protection Level	IP66, TVS 4,000V lightning protection, surge protection and voltage transient protection	
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC /EN60950-1	
Dimensions	Φ164.5(mm)×295(mm)	
Weight (approx.)	2kg (4.41lbs)	
Mount Option	Long-arm wall mount: DS-1602ZJ; Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount:DS-1602ZJ-box; Swan-neck mount: DS-1619ZJ	

Embedded NVR-16 channel Network Video Recorder (NVR)			
S.No.	Description	NEA's Requirement	To be filled by Bidder
1	Make		
2	Model		
3	Country of origin		
4	Video/Audio Input		
	IP Video Input	16-Ch	
	Two way audio input	1-ch, RCA	
5	Network		
	Incoming bandwidth	100 Mbps	
	Outgoing bandwidth	80 Mbps	
	Remote connection	128	
6	Video/Audio output		
	Recording resolution	5MP/3MP/1080p/UXGA/720p/VGA/ 4CIF/DCIF/2CIF/CIF/QCIF	
	Frame Rate	Main Stream: 50fps (P)/60 fps (N) Sub-stream 50 fps (P)/ 60 fps (N)	
	HDMI/VGA output	1-ch, Resolution 1920*1080p, 1600* 1200, 1280*1024 ,1280*720,1024*768	
	Audio Output	1-ch, RCA	
7	Decoding		
	Live view/Playback Resolution	5MP/3MP/1080p/UXGA/720p/VGA/ 4CIF/DCIF/2CIF/CIF/QCIF	
	Capability	16-ch@4CIF , 12-ch@720p,6- ch@1080p	
8	Hard Disk	-	



	SATA	2 SATA for 2 HDDs interfaces to support minimum 6 TB	
9	External Interfaces		
	Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
	USB interface	1* USB 2.0 and 1*USB 3.0	
	Alarm In/Out	1/4	

32" LED Display Unit			
S.No.	Description	NEA's Requirement	To be submitted by Bidder
1	Make		
2	Model		
3	Place of origin		
4	Display Type	LED	
5	Screen size	32"	
6	Connectivity	HDMI(min 2), USB, PC input	
7	Resolution	Full HD (1920*1080p)	
8	Power supply	230 V, 50 Hz	

Media Converter 10/100/1000 Mbps			
S.No.	Description	NEA's Requirement	To be filled by bidder
1	Make		
2	Model		
3	Country of origin		
4	Type	GigaBit Ethernet Media Converter	
5	Conversion	1000 base-T to 1000 base FX and vice versa	
6	Standards	IEEE 802.3z & 802.3ab	
7	Interface	1 x RJ-45 connector / 1 x SFP Slot	
8	Auto MDI/MDIX	Supported	
9	LED Indicator	Power, Link, RX	
10	Power Supply	External Power Adaptor	
11	Jumbo frames	Support Jumbo frames up to 10240 Bytes	
12	Maximum fibre distance	20 km	



8+1 Uplink Port POE Switch			
S.No.	Description	NEA's Requirement	To be filled by Bidder
1	Make		
2	Model		
3	Country of Origin		
4	Website		
5	PoE Port	8 10/100 Mbps	
6	Uplink Port	1 10/100/1000 Mbps	
7	PoE Power	30 Watt Each	
8	PoE Standard	IEE 802.3af/at	
9	Body Material and size	Metal body with Network Rack Standard size	

16+2 Uplink Port POE Switch			
S.No.	Description	NEA's Requirement	To be filled by Bidder
1	Make		
2	Model		
3	Country of Origin		
4	Website		
5	PoE Port	16 10/100 Mbps	
6	Uplink Port	1 10/100/1000 Mbps	
7	PoE Power	30 Watt Each	
8	PoE Standard	IEE 802.3af/at	
9	Body Material and size	Metal body with Network Rack Standard size	

Fiber Optic Cable			
S.No.	Description	NEA's Requirement	To be filled by Bidder
1	Make		
2	Model		
3	Country of Origin		
4	Cable Type	4-core, single mode, armored, loose-tube, CST armor, Gel filled	
5	Fiber Type	9/125, Telcordia's Gr-20 and ITU-T 652.D compliance, UL listed	
6	No. of Cores	4	
7	Cable construction	Bellcore GR 20/IEC 794-1	
8	Attenuation	<=0.35 dB/km @1310 nm <=0.20 dB/km @ 1550 nm	
9	Coating/Cladding non-circularity	<=12 microns	



10	Zero dispersion slope	≤ 0.086 ps/sqnm-km	
11	Max (chromatic) dispersion	< 5.3 ps/nm-km @ 1270-1340 mm	
		< 3.5 ps/nm-km @ 1270-1340 mm	
		< 185 ps/nm-km @ 1270-1340 mm	
12	Tensile rating	1000 N	
13	Maximum crush resistance	2000 N	
14	Operating Temperature	-40 Degree C to +70 Degree C	
15	Armor	Corrugated Steel Tape Armor	
16	Color	Black	
17	Inner Jacket	High density polyethylene	
18	Outer jacket	High density polyethylene, anti-termite, anti-rodent suitable for direct burial application	
19	Secondary Buffer Material	Gel filled Loose Tube	
20	Min Bend	20 X Outer Diameter	
21	Test (must pass)	IEC 794-1-E1, IEC 794-1-E2, IEC 794-1-E3, IEC 794-1-E4, EIA-455-104, IEC 794-1-E7, IEC 794-1-E10, IEC 794-1-F1, IEC 794-1-F3 and IEC 794-1-F5	
22	Marking	Identification marking at regular intervals of 1 meter	
23	Fiber Core	Raw fiber of corning or equivalent	

Pure Copper Cat 6 Ethernet Cable			
S.No.	Description	NEA's Requirement	To be filled by Bidder
1	Make		
2	Model		
3	Country of origin		
4	Type	Unshielded twisted pair, Category 6, TIA /EIA 568 C.2	
5	Conductor material	23 AWG solid bare copper or better	
6	Insulation	Polyethylene	
7	Jacket	Fire retardant PVC compound (FRPVC)	
8	Impedance	100 Ohms \pm 6 Ohms, 1 to 300 MHz	
9	Skew	35 ns max/100 m	
10	Return loss	22.8 dB/100 m at 250 MHz, 29.4 dB/100 m at 400 MHz, 39 dB/100 m at 600 MHz	
11	Frequency test	Up to 600 MHz	



Fiber JC Tiffin type Optical Terminal box			
S.No.	Description	NEA's Requirement	To be submitted by Bidder
1	Make		
2	Model Number		
3	Place of origin		
4	Standard	IP65	
5	Material	ABS	
6	Capacity	16 port	

Wall Mount Networking Rack

- 19" Compatible 6U Wall Mount Networking/DVR/AV Equipment Racks
- Front Glass Door with Lock and Key / Rear Open For Wall Mount Provision and With Door For Floor Standing Provision
- Caster Wheels For Floor Standing Provision
- Side Panels are Fixed With Reasonable Perforation
- Top Panel With 2 Round shape Cable Entry Cut Each 50MM Dia
- Bottom Panel With 2 Round shape Cable Entry Cut Each 50MM Dia Covered With grommets
- Cooling Fan Cut on Top Panel 1 Fan in 4U and 2 Fan provision 6U
- Cabinet with 18 Gauge (1.245mm) thickness and load Bearing Mounting angles are 16 gauge to 14 gauge

Note:

- *All the offered goods should be of ISO certified or equivalent standards/company.*
- *Bidders are strictly advised to complete Technical Data sheet and submit detail catalog, drawings, certificates, and product broacher to justify the filled Datasheet ; Otherwise the bid shall be treated as non-responsive bid.*



Section VI Sample Forms

1. Quotation and Price Schedules

Date:

To,

**The Station Manager,
Kulekhani First Hydro Power Station,
Dhorsing, Makwanpur.**

Gentlemen and/or Ladies:

Having examined the Sealed Quotation (SQ) documents, we the undersigned, our goods and services in conformity with the said SQ documents for the sum of [total SQ amount in words and figures
.....]
.....] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this SQ.

We undertake, if our SQ is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our SQ is accepted, we will obtain the guarantee of a bank in a sum equivalent to amount as per the clause 4 mentioned in condition of the Contract , in the form prescribed by the Purchaser.

We agree to abide by this SQ for a Period of **Forty Five (45) days** from the date fixed for SQ opening it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this SQ, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

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

Dated this _____ day of _____ 2017_____.

[signature]

[in the capacity of]

Duly authorized to sign SQ for and on behalf of _____





PRICE SCHEDULE
Nepal Electricity Authority
KULEKHANI FIRST HYDRO POWER STATION
Dhorsing, Makwanpur

Please fill rate in figure and in words as well as amount duly.

Tender No.: NEA-KL1-073/74-ESQ-02							
Subject: Supply, Delivery, Installation, Testing and Commissioning of CCTV cameras & its accessories at Powerhouse of KL1HPS.							
S. No.	Description of Work	NEA's Requirement		Unit Price (NRs.)		Total (NRs.)	Remarks
		Quantity	Unit	In Figure	In Words		
1	2.0 MP ICR Network Bullet Camera	8	Nos				
2	2MP 20X NETWORK IR PTZ DOME CAMERA	1	Nos				
3	Embedded NVR -16 Channel Network Video Recorder (NVR) with 6 TB Surveillance Standard Hard Disk (1pcs) Inbuilt	1	Set				
4	8 +1 Port PoE Switch	1	Nos				
5	16+2 Port PoE Switch	1	Nos				
6	Media converters with 1 LAN Ports, 10/100/1000 Mbps	1	Pair				
7	Pure Copper CAT6 Cable	650	mtr				
8	Optical Fiber cable 4 core armored type	1400	mtr				
9	Fiber JC Tifin Type Optical Terminal Box	4	Nos				
10	Fiber Optics Patch Cord Lc-SC type	12	Nos				
11	Wall Mount Networking Rack	2	Nos				
12	32" LED display Unit with USB port, min 2 HDMI port, USB port and full HD resolution	1	Set				
13	Installation, testing & commissioning of IP CCTV Cameras inclusive of fiber Splicing, accessories for Cameras, laying of cables, wiring ,necessary civil works and user training for Operator	1	Lot				
		Total (NRs.)					
		VAT @ 13 %					
		Grand Total (NRs.)					

Grand Total Price (in words):

Note:

1. Unit price shall include all custom duties and taxes, transportation cost to the final destination and insurance cost.
2. In case of discrepancy between unit price and total price, the unit price shall prevail.



 Name and Signature of Signatory

 Name of Bidder

 Company Seal of Bidder

2. Bid Security

Date:

To
**The Station Manager,
 Kulekhani First Hydro Power Station,
 Dhorsing, Makwanpur.**

Whereas, *[name of Bidder]* (hereinafter called “the Bidder”) has submitted his Tender (SQ) dated *[date of submission of SQ]* for the **NEA-KL1-073/74-ESQ-02; “Supply, Delivery, Installation, Testing and Commissioning of CCTV cameras & its accessories at Powerhouse of KL1HPS”**.

KNOW ALL PEOPLE by these presents that WE *[name of Bank]* of Nepal having our registered office at *[address of bank]* (hereinafter called “the Bank”) are bound unto **NEA** (hereinafter called “the Purchaser”) in the sum of *[specify amount in figure and words]* for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20_____.

THE CONDITIONS of this obligation are:

- (1) If, the Bidder withdraws its SQ during the period of bid validity specified by the Bidder on the SQ Form; or
- (2) If the Bidder having been notified of the acceptance of its SQ by the Purchaser during the period of bid validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the performance security, in accordance with the Instruction to Bidders;

we undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser’s having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to Seventy Five (75) days from the date of opening of the Tender, and any demand in respect thereof should reach the Bank not later than the above date.

[signature of the bank]

[common seal of the bank]



3. Form of Agreement

THIS AGREEMENT made the _____ day of _____ 20____ between NEA (hereinafter called “the Purchaser”) of the one part and *[name of Supplier]* of *[city and country of Supplier]* (hereinafter called “the Supplier”) of the other part:

WHEREAS the Purchaser invited Seal Quotation for NEA-KL1-073/74-ESQ-02; “**Supply, Delivery, Installation, Testing and Commissioning of CCTV cameras & its accessories at Powerhouse of KL1HPS**” and has accepted a SQ by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - a. Bid Form and the Price Schedule submitted by the Supplier;
 - b. The Schedule of Requirements;
 - c. The Technical Specifications;
 - d. The Conditions of Contract; and
 - e. The Purchaser’s Notification of Award.
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

On behalf of NEA

On behalf of the Supplier

Name:

Name:

Designation:

Designation:

Sign:

Sign:

Seal:

Seal:



4. Performance Security

Date:

To
The Station Manager,
Kulekhani First Hydro Power Station,
Dhorsing, Makwanpur.

WHEREAS *[name of Supplier]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No:-**NEA-KL1-073/074-ESQ-02** dated _____ 20____ to **Supply, Delivery, Installation, Testing and Commissioning of CCTV cameras & its accessories at Powerhouse of KL1HPS**. (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____ 20_____.

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]



5. Bank Guarantee for Advance Payment

To
The Station Manager,
Kulekhani First Hydro Power Station,
Dhorsing, Makwanpur.

Gentlemen and / or Ladies:

In accordance with the payment provision included in the Contract, which amends Clause 10 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called “the Supplier”) shall deposit with the Purchaser a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Purchaser on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed there under or of any of the Contract documents which may be made between the Purchaser and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

The validity period of the guarantee shall be 30 days beyond the period scheduled for repayment of the advance payment and the guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until the Purchaser receives full repayment of the same amount from the Supplier.

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]



6. Manufacturer's Authorization Certificate

(This certificate shall be on the letterhead of the Manufacturer & Original letter shall be submitted)

To: Project Manager,
(Name of Project)

WHEREAS (Name of the manufacturer) _____ who are established and reputable manufacturers of _____ (name and/or description of the goods) having factories at _____ (address of factory) do hereby authorize _____ (name and address of Bidder) to submit a Bid and subsequently negotiate and sign the contract with you against Tender No. **NEA-KL1-073/74-ESQ-02** for **"Supply, Delivery, Installation, Testing and Commissioning of CCTV cameras & its accessories at Powerhouse of KL1HPS"** for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per the Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

(Signature for and on behalf of Manufacturer)

