

Bidding Document

FOR

**SUPPLY, DELIVERY AND INSTALLATION OF
AUTOMATIC WEATHER STATIONS**

**DEPARTMENT OF HYDROLOGY AND METEOROLOGY
BABARMAHAL, KATHMANDU
NEPAL**

National Competitive Bidding (NCB)

FEBRURARY 2014

Issued on:

Contract Id no.: *1/MFD/DHM/070-71*

Abbreviations

BDS.....	Bid Data Sheet
BD	Bidding Document
DCS.....	Delivery and Completion Schedule
DP	Development Partner
EQC	Evaluation and Qualification Criteria
GCC	General Conditions of Contract
GoN	Government of Nepal
ICC.....	International Chamber of Commerce
IFB	Invitation for Bids
Incoterms.....	International Commercial Terms
ITB	Instructions to Bidders
LGSR	List of Goods and Related Services
NCB	National Competitive Bidding
PAN	Permanent Account Number
PPMO	Public Procurement Monitoring Office
SBD.....	Standard Bidding Document
SBQ.....	Schedule of Bidder Qualifications
SCC.....	Special Conditions of Contract
SR	Schedule of Requirements
TS.....	Technical Specifications
UNCITRAL	United Nations Commission on International Trade Law
VAT	Value Added Tax

Table of Contents

Invitation for Bids

PART 1 – Bidding Procedures

Section I. Instructions to Bidders	1
Section II. Bid Data Sheet	1
Section III. Evaluation and Qualification Criteria	1
Section IV. Bidding Forms	1

PART 2 – Supply Requirements

Section V. Schedule of Requirements.....	1
--	---

PART 3 – Conditions of Contract and Contract Forms

Section VI. General Conditions of Contract.....	1
Section VII. Special Conditions of Contract.....	1
Section VIII. Contract Forms	1

Government of Nepal
Ministry of Science, Technology & Environment
Department of Hydrology and Meteorology
Invitation for Bids
Date of first Publication: 2070/10/29

Department of Hydrology and Meteorology (DHM) invites sealed bid from Government of Nepal registered and eligible bidders for the Procurement of following goods and services.

S. N.	Contract ID No.	Description of Works	Price of Bidding Document (Non-refundable (NRs))	Bid security amount (NRs)	Experience in Relevant works	Annual Turnover in last 3 years	Last Date and Time of Purchase	Last Date and Time of Submission	Date and Time of Bid opening
2	1/MFD/DHM/070-71	Supply, Delivery and Installation of Automatic Weather Stations	1000/-	95000/-	4 years' experience in supply, delivery and installation of aviation or general automatic weather stations with real time data transmission	5 million Nepali rupees	2070/11/29 & 05:00 pm	2070/11/30 & 12:00 pm	2070/11/30 & 02:00 pm

- Bidding will be conducted through the National Competitive Bidding procedures specified in the procurement Act 2063 and procurement regulation 2064.
- Interested eligible bidders may obtain further information from Department of Hydrology and Meteorology (DHM), Procurement section **Tel: 4262974 Ext: 17, Fax: +977-1-4262348, Website: www.dhm.gov.np**.
- Eligible Bidders may obtain further information and inspect the bidding documents from DHM, Babarmahal Kathmandu. Bidding documents may be purchased from the above office by eligible Bidders on the submission of a written application accompanied by a letter of Authority from the firm to the address above along with the copy of Company/Firm registration certificate. The payment mode may be direct deposit or bank transfer to the Gov. **Revenue A/c title No.14227 (Office code No. 27-331-4, A/C No. ka-1-1-999)** on Nepal Rastra Bank, Thapathali, Kathmandu, Nepal or Bankers cheque payable to Department of Hydrology and Meteorology, Kathmandu, Nepal.
- Documents received after submission deadline shall not be accepted.
- Bids shall be opened in the presence of Bidders' representatives who choose to attend on the opening date given in above Table **at the office of Department of Hydrology and Meteorology, P.o.box 406, Babarmahal, Kathmandu, Nepal**. Bids must be valid for a period of 90 days counting from the day of bid opening and must be accompanied by bid security, amount given in above table, which shall be valid for minimum 30 days beyond the bid validity period (i.e total 120 days from the day of bid opening). If the bidder wishes to submit the Bid Security in the form of cash, the cash should be deposited in Account No. **Sa. A. 131414/070** at Nepal Rastra Bank, Thapathali, Kathmandu and submit the receipt along with the bid.
- If the last date of purchasing, submission and opening falls on a government holiday, then the next working day shall be considered the last day. In such a case the bid validity and bid security validity shall be recognized with effect from the original bid submission deadline.
- Bids should comply in all respects with the Instruction to Bidder included in the Bid Document. Non compliance with this instructions shall result in disqualification.
- The Department of Hydrology and Meteorology reserves the right to accept or reject, wholly or partly any or all the bids without assigning reason, whatsoever.

Section I. Instructions to Bidders

Section I. Instructions to Bidders

Table of Contents

A. General	8
1. Scope of Bid	8
2. Source of Funds	8
3. Fraud and Corruption	8
4. Eligible Bidders	10
5. Eligible Goods and Related Services	12
6. Site Visit	9
B. Contents of Bidding Document	9
7. Sections of the Bidding Document	9
8. Clarification of Bidding Document/Pre-bid meeting	10
9. Amendment of Bidding Document	11
C. Preparation of Bids	11
10. Cost of Bidding	14
11. Language of Bid	14
12. Documents Comprising the Bid	14
13. Bid Submission Sheet and Price Schedules	14
14. Alternative Bids	15
15. Bid Prices and Discounts	15
16. Currencies of Bid	16
17. Documents Establishing the Eligibility of the Bidder	16
18. Documents Establishing the Conformity of the Goods and Related Services to the Bidding Document	16
19. Documents Establishing the Qualifications of the Bidder	17
20. Period of Validity of Bids	18
21. Bid Security	18
22. Format and Signing of Bid	19
D. Submission and Opening of Bids	20
23. Sealing and Marking of Bids	20
24. Deadline for Submission of Bids	20
25. Late Bids	20
26. Withdrawal, or Modification of Bids	20
27. Bid Opening	21

E. Evaluation and Comparison of Bids	22
28. Confidentiality	22
29. Clarification of Bids	22
30. Deviations, Reservations, and Omissions	23
31. Determination of Responsiveness	23
32. Non-material Non-conformi-ties	23
33. Correction of Arithmetical Errors	24
34. Domestic Preference	25
35. Evaluation and Comparison of Bids	25
36. Post-qualification of the Bidder	25
37. Purchaser’s Right to Accept Any Bid, and to Reject Any or All Bids	25
F. Award of Contract	25
38. Award Criteria	25
39. Purchaser’s Right to Vary Quantities at Time of Award	25
40. Notification of Intention to Award	26
41. Performance Security	26
42. Signing of Contract	26
43. Complaint and Review	27

Section I. Instructions to Bidders

A. General

1. Scope of Bid	<p>1.1 The Purchaser <i>indicated in the BDS</i> issues this Bidding Document for the supply of Goods and Related Services incidental thereto as specified in Section V, Schedule of Requirements.</p> <p>1.2 Throughout this Bidding Document :</p> <ul style="list-style-type: none">(a) the term “in writing” means communicated in written form with proof of receipt;(b) if the context so requires, singular means plural and vice versa; and(c) “day” means calendar day.
2. Source of Funds	<p>2.1 GoN Funded: In accordance with its annual program and budget, approved by the GoN, the Purchaser intends to apply a portion of the allocated budget to eligible payments under the contract(s) <i>indicated in the BDS</i> for which this Bidding Document is issued.</p>
3. Fraud and Corruption	<p>3.1 Anticorruption related laws require that GoN’s officials (including beneficiaries of funds), as well as bidders, suppliers, and contractors and their sub-contractors under GoN financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, this bidding document;</p> <ul style="list-style-type: none">(a) defines, for the purposes of this provision, the terms set forth below as follows:<ul style="list-style-type: none">(i) “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;(ii) “fraudulent practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;(iii) “coercive practice” means impairing or harming, or threatening to impair or harm, directly or indirectly, any party

	<p>or the property of the party to influence improperly the actions of a party;</p> <p>(iv) “collusive practice” means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.</p> <p>(v) “obstructive practice” means:</p> <p>(aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a GoN investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or</p> <p>(bb) acts intended to materially impede the exercise of the GoN’s inspection and audit rights provided for under sub-clause 3.5 below.</p> <p>(b) will reject bid(s) if it determines that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;</p> <p>(c) will sanction a firm or individual, including declaring ineligible, for a stated period of time, to be awarded a GON-financed contract if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for, or in executing, a GON-financed contract.</p> <p>3.2 The Bidder 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> <p>(a) give or propose improper inducement directly or indirectly,</p> <p>(b) distortion or misrepresentation of facts,</p> <p>(c) engaging in corrupt or fraudulent practice or involving in such act,</p> <p>(d) interference in participation of other competing bidders,</p> <p>(e) coercion or threatening directly or indirectly to cause harm</p>
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	<p>to the person or the property of any person to be involved in the procurement proceedings,</p> <p>(f) collusive practice among bidders before or after submission of bids for distribution of works among bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Employer the benefit of open competitive bid price,</p> <p>(g) contacting the Employer with an intention to influence the Employer with regards to the bids or interference of any kind in examination and evaluation of the bids during the period from the time of opening of the bids until the notification of award of contract.</p> <p>3.3 Without prejudice to any other rights of the Purchaser under the related laws, GoN may blacklist a Bidder for its conduct for a period of one (1) to three (3) years on the following grounds and seriousness of the act committed by the bidder:</p> <p>(a) if convicted by a court of law in a criminal offence which disqualifies the Bidder from participating in the contract,</p> <p>(b) If it is proved that the bidder has committed an act contrary to ITB 3.2.</p> <p>3.4 A bidder declared blacklisted and ineligible by the GoN, Public procurement Monitoring Office (PPMO shall be ineligible to bid for a contract during the period of time determined by the GoN, PPMO.</p> <p>3.5 The Supplier shall permit the GON to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the GON, if so required by the GON.</p>
<p>4. Eligible Bidders</p>	<p>4.1 This Invitation for Bids is open to eligible Bidders from all countries, except for any <i>specified in the BDS</i>.</p> <p>4.2 A Bidder may be a natural person, private entity, government-owned entity (subject to ITB 4.4) or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture (JV). In the case of a JV:</p> <p>(a) all parties to the JV shall be jointly and severally liable; and</p>

	<p>(b) a JV shall nominate a representative who shall have the authority to conduct all businesses for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution.</p> <p>4.3 A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in this bidding process if, including but not limited to:</p> <ul style="list-style-type: none"> (a) have controlling shareholders in common; (b) receive or have received any direct or indirect subsidy from any of them; (c) have the same legal representative for purposes of this Bid; (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; (e) a Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which it is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one bid; or a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods and services that are the subject of the bid. <p>4.4 A Bidder that is under a declaration of ineligibility by the GON in accordance with ITB 3.4, at the date of the deadline for bid submission or thereafter, shall be disqualified.</p> <p>4.5 A GoN-owned enterprise may also participate in the bid if it is legally and financially autonomous, it operates under commercial law, and it is not dependent agency of the Purchaser.</p> <p>4.6 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.</p> <p>4.7 Firms shall be excluded in any of the cases, if</p>
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	<p>(a) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations prohibits any import of goods or Contracting of works or services from that country or any payments to persons or entities in that country.</p>
	<p>4.8 A bidder and all parties constituting the Bidder shall have the nationality of an eligible country as defined by the concerned DP for DP funded projects.</p> <p>4.9 The domestic Bidder who has obtained Permanent Account Number (PAN) and Value Added Tax (VAT) registration certificate(s) and Tax clearance certificate or proof of submission of tax return from the Inland Revenue Office shall only be eligible. The foreign bidder submitting the documents <i>indicated in the BDS</i> at the time of bid submission and a declaration to submit the document(s) <i>indicated in the BDS</i> at the time of contract agreement shall only be eligible</p>
<p>5. Eligible Goods and Related Services</p>	<p>5.1 All goods and related services to be supplied under the contract are eligible, unless their origin is from a country <i>specified in the BDS</i>.</p> <p>5.2 For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied</p> <p>5.3 The origin of goods and services is distinct from the nationality of the Bidder.</p>

B. Contents of Bidding Document

<p>6. Sections of the Bidding Document</p>	<p>6.1 The Bidding Document consist of Parts 1, 2, and 3, which include all the Sections indicated below, and should be read and construed in conjunction with any Addenda issued in accordance with ITB 9.</p> <p>PART 1 Bidding Procedures</p> <ul style="list-style-type: none"> • Section I. Instructions to Bidders (ITB) • Section II. Bid Data Sheet (BDS) • Section III. Evaluation and Qualification Criteria • Section IV. Bidding Forms <p>PART 2 Supply Requirements</p>
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	<ul style="list-style-type: none"> • Section V. Schedule of Requirements <p>PART 3 Conditions of Contract and Contract Forms</p> <ul style="list-style-type: none"> • Section VI. General Conditions of Contract (GCC) • Section VII. Special Conditions of Contract (SCC) <p>Section VIII. Contract Forms</p> <p>6.2 The Purchaser will reject any Bid submission if the Bidding Document was not purchased directly from the Purchaser, or through its assigned office <i>as stated in the BDS</i>.</p> <p>6.3 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document as well as in Amendments, if any. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the Bid.</p> <p>6.4 The Invitation for Bids issued by the Purchaser is not part of the Bidding Document</p>
<p>7. Clarification of Bidding Document/Pre-bid meeting</p>	<p>7.1 A prospective Bidder requiring any clarification of the Bidding Document shall contact the Purchaser in writing at the Purchaser’s address <i>indicated in the BDS</i>. The Purchaser will respond in writing to any request for clarification, provided that such request is received within the time limit <i>specified in the BDS</i> prior to the deadline for submission of Bids. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Document directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB 9 and 24.2.</p> <p>7.2 The purchaser may organize a pre-bid meeting of Bidders at least ten (10) days before the deadline for submission of Bids at the place, date and time as <i>specified in the BDS</i> to provide information relating to Bidding Documents, Technical specifications and the like matters. Should the purchaser deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB 9 and ITB 24.2.</p>
<p>8. Amendment of Bidding Document</p>	<p>8.1 At any time prior to the deadline for submission of the Bids, the Purchaser may amend the Bidding Document by issuing addenda.</p> <p>8.2 Any addendum issued shall be part of the Bidding Document</p>

	and shall be communicated in writing to all who have obtained the Bidding Document directly from the Purchaser.
	8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Purchaser may, at its discretion, extend the deadline for the submission of the Bids, pursuant to ITB 24.2 .

C. Preparation of Bids

9. Cost of Bidding	9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
10. Language of Bid	10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the language <i>specified in the BDS</i> . Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language <i>specified in the BDS</i> , in which case, for purposes of interpretation of the Bid, such translation shall govern.
11. Documents Comprising the Bid	11.1 The Bid shall comprise the following: <ul style="list-style-type: none"> (a) Bid Submission Sheet and the applicable Price Schedules, in accordance with ITB Clauses 13, 15, and 16; (b) Bid Security in accordance with ITB 21; (c) alternative bids, if permissible, in accordance with ITB 14; (d) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 22; (e) documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid; (f) documentary evidence in accordance with ITB Clauses 18 and 31, that the Goods and Related Services conform to the Bidding Document; (g) documentary evidence in accordance with ITB 19 establishing the Bidder's qualifications to perform the contract if its Bid is accepted; and (h) any other document required in the BDS.
12. Bid Submission	12.1 The Bidder shall submit the Bid Submission Sheet using the

<p>Sheet and Price Schedules</p>	<p>form furnished in Section IV, Bidding Forms. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.</p> <p>12.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the forms furnished in Section IV, Bidding Forms</p>
<p>13. Alternative Bids</p>	<p>14.1 Unless otherwise <i>indicated in the BDS</i>, alternative bids shall not be considered.</p>
<p>14. Bid Prices and Discounts</p>	<p>14.1 The Bidder shall complete the appropriate Price Schedule and the sources of Goods schedules included herein, stating the unit prices, total cost per item, the total Bid amount and the expected countries of origin of the Goods to be supplied under the contract.</p> <p>14.2 Prices quoted in the Price Schedules shall be entered separately in the following manner:</p> <ul style="list-style-type: none"> i. the price of the goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable: (i) on the components and raw materials used in the manufacture or assembly of goods quoted ex works or ex factory; or (ii) on the previously imported goods of foreign origin quoted ex warehouse, ex showroom or off-the-shelf; ii. the price for inland transportation, insurance, and other costs incidental to delivery of the goods to their final destination, if <i>specified in the BDS</i>; iii. the price of other (incidental) services, if any, <i>listed in the BDS</i>. <p>14.3 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise <i>specified in the BDS</i>. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 31. However, if in <i>accordance with the BDS</i>, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a Bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.</p> <p>14.4 The terms EXW shall be governed by the rules prescribed in the current edition of INCOTERMS published by the International Chamber of Commerce, Paris.</p> <p>14.5 The Bidder's separation of price components in accordance with</p>

	<p>ITB 15.1 above will be solely for the purpose facilitating the comparison of bids by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the terms offered.</p> <p>14.6 If the Bidder intends to offer any unconditional discount, it shall always be expressed in fixed percentage and that shall not vary as the quantity varies and be applicable to each unit rate. The methodology for its application shall be provided in bid submission sheet.</p>
<p>15. Currencies of Bid</p>	<p>15.1 All Prices shall be quoted in Nepalese Rupees.</p>
<p>16. Documents Establishing the Eligibility of the Bidder</p>	<p>16.1 To establish their eligibility in accordance with ITB 4, Bidders shall:</p> <ul style="list-style-type: none"> (a) complete the eligibility declarations in the Bid Submission Sheet, included in Section IV, Bidding Forms; and (b) if the Bidder is an existing or intended JV in accordance with ITB 4.2, submit a copy of the JV Agreement, or a letter of intent to enter into such an Agreement. The respective document shall be signed by all legally authorized signatories of all the parties to the existing or intended JV, as appropriate. (c) submit the copy of the documents as <i>specified in BDS</i>.
<p>17. Documents Establishing the Conformity of the Goods and Related Services to the Bidding Document</p>	<p>17.1 To establish the conformity of the Goods and Related Services to the Bidding Document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods and Related Services conform to the requirements specified in Section V, Supply Requirements.</p> <p>17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item-by-item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to those requirements, and if applicable, a statement of deviations and exceptions to the provisions of Section V, Schedule of Requirements.</p> <p>17.3 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Section V, Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it</p>

	demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in Section V, Schedule of Requirements.
<p>18. Documents Establishing the Qualifications of the Bidder</p>	<p>18.1 The documentary evidence of the Bidder's qualifications to perform the contract, if its bid is accepted, shall establish to the Purchaser's satisfaction that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.</p> <p>18.2 If so <i>required in the BDS</i>, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Nepal and take care of the warranty provided.</p> <p>18.3 If so <i>required in the BDS</i>, a Bidder that does not conduct business within Nepal shall submit evidence that it will be represented by an Agent in Nepal equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications.</p> <p>18.4 A foreign Bidder wishing to have or already having a local agent shall state the following:</p> <ol style="list-style-type: none"> a. Name and address of the Agent/Representative, b. The Agent/Representative providing type of services, c. Amount of commission if the Agent/Representative is entitled to get such payment and if it participates in the procedure of payment, d. Other agreement with Agent/Representative, if any, e. Bidder shall certify in the Letter of Authorization as follows: "We certify that the statement and disclosure made by us on the above are complete and true to the best of our knowledge and belief", <p>If the agent has not been appointed:</p> <ol style="list-style-type: none"> f. Source of information about tender invitation, g. The remuneration given to the individual or firm/company or organization to work on its behalf for submitting tender, representation in the bid opening and other required action in connection with the tender, h. Transfer or handover an evidence of foreign currency exchanged which required to be submitted with the tender, i. If the bank account of any Nepali citizen has been used for

	<p>the exchange of foreign currency specify the name of the individual and his address. If the foreign currency has been exchanged by self then the certificate of currency exchange.</p> <p>18.5 If a foreign Bidder in its Bid, has not provided the information mentioned in ITB 19.4 or has submitted its bid stating that the Bidder does not have a local agent and later it is proved that the bidder has a local agent or it is proved that the commission mentioned in the Bid is less than the commission received by the local agent then the Purchaser shall initiate proceedings to blacklist such bidder in accordance with ITB 3.2.</p>
<p>19. Period of Validity of Bids</p>	<p>19.1 Bid shall remain valid for a period <i>specified in the BDS</i> after the bid submission deadline date prescribed by the purchaser. A bid valid for a shorter period shall be rejected by the purchaser as nonresponsive.</p> <p>19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 21, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid.</p>
<p>20. Bid Security</p>	<p>20.1 The Bidder shall furnish as part of its bid, in original form a Bid Security as <i>specified in the BDS</i>.</p> <p>20.2 If a bid security is specified pursuant to ITB 21.1, the bid security shall be a demand guarantee in any of the following forms at the Bidder's option:</p> <ul style="list-style-type: none"> (a) original copy of an unconditional bank guarantee from "A" class commercial bank or; (b) original copy of cash deposit voucher in the Employer's Account as <i>specified in BDS</i>. <p>In case of a bank guarantee, the Bid Security shall be submitted using the Bid Security Form included in Section IV, Bidding Forms. The form must include the complete name of the Bidder. The Bid Security shall be valid for minimum thirty (30) days beyond the end of the validity period of the bid. This shall also apply if the period for bid validity is extended.</p> <p>The bid security issued by any foreign Bank outside Nepal must be counter guaranteed by an "A" class Commercial Bank in</p>

	<p>Nepal.</p> <p>20.3 If a bid Security is required in accordance with ITB 21.1, any Bid not accompanied by an enforceable and compliant Bid Security in accordance with ITB 21.2, shall be rejected by the Purchaser as nonresponsive.</p> <p>20.4 If a Bid Security is specified pursuant to ITB 21.1, the Bid Security of unsuccessful Bidders shall be returned within three (3) days upon the successful Bidder furnishing of the signed Contract Agreement and the Performance Security pursuant to ITB 42.</p> <p>20.5 If a Bid Security is specified pursuant to ITB 21.1, the Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract Agreement and furnished the required Performance Security.</p> <p>20.6 The Bid Security may be forfeited:</p> <ul style="list-style-type: none"> (a) if a Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB 20.2; or (b) if the successful Bidder fails to: <ul style="list-style-type: none"> (i) sign the Contract in accordance with ITB 42; or (ii) furnish a Performance Security in accordance with ITB 42. <p>20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned in ITB 17.1.</p>
<p>21. Format and Signing of Bid</p>	<p>21.1 The Bidder shall prepare one original of the documents comprising the Bid as described in ITB 12 and clearly mark it "ORIGINAL." In addition, the Bidder shall submit copies of the Bid, in the number <i>specified in the BDS</i> and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.</p> <p>21.2 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as <i>specified in the BDS</i> and shall be attached to the Bid.</p> <p>21.3 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.</p>

D. Submission and Opening of Bids

<p>22. Sealing and Marking of Bids</p>	<p>22.1 Bidders may always submit their bids by mail or by hand or by courier, but in any means bid must be delivered within the deadline of submission as mentioned in ITB 24. When so <i>specified in the BDS</i>, Bidders have the option of submitting their bids electronically. Bidders submitting bids electronically shall follow the electronic bid submission procedures <i>specified in the BDS</i>.</p> <p>22.2 Bidders submitting bids by mail or by hand or by courier shall enclose the original and each copy of the Bid, including alternative bids, if permitted in accordance with ITB 14, in separate sealed envelopes, duly marking the envelopes as “ORIGINAL”, “ALTERNATIVE” and “COPY.” These envelopes containing the original and the copies shall then be enclosed in one single envelope. The rest of the procedure shall be in accordance with ITB 23.3 and 23.4.</p> <p>22.3 The inner and outer envelopes shall:</p> <ul style="list-style-type: none"> (a) bear the name and address of the Bidder; (b) be addressed to the Purchaser in accordance with ITB 23.1; and (c) bear a warning "NOT TO OPEN BEFORE THE TIME AND DATE FOR BID OPENING". <p>22.4 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.</p>
<p>23. Deadline for Submission of Bids</p>	<p>23.1 Bids must be received by the Purchaser at the address and no later than the date and time <i>indicated in the BDS</i>.</p> <p>23.2 The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document in accordance with ITB 9, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.</p>
<p>24. Late Bids</p>	<p>24.1 The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 25. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.</p>
<p>25. Withdrawal, or Modification of</p>	<p>25.1 A Bidder may withdraw or modify its Bid after it has been submitted by sending a written Notice in a sealed envelope, duly</p>

<p>Bids</p>	<p>signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB 22.2 (except that Withdrawal Notices do not require copies). The corresponding withdrawal or modification of the Bid must accompany the respective written Notice. All Notices must be:</p> <ul style="list-style-type: none"> (a) submitted in accordance with ITB 22 and 23 (except that Withdrawal Notices do not require copies), and in addition, the respective envelopes shall be clearly marked “Withdrawal”, “Modification”; and (b) received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB 24. <p>25.2 Bids requested to be withdrawn in accordance with ITB 26.1 shall be returned unopened to the Bidders.</p> <p>25.3 No Bid shall be withdrawn or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.</p>
<p>26. Bid Opening</p>	<p>26.1 The Purchaser shall conduct the bid opening in public in the presence of bidder or its representative who chose to attend at the address, date and time <i>specified in the BDS</i>. Any specific electronic bid opening procedures required if electronic bidding is permitted in accordance with ITB 23.1, shall be as <i>specified in the BDS</i>.</p> <p>26.2 Before opening the bids the purchaser shall separate the envelopes of the bids received after the deadline of bid submission, the envelopes containing an application given for WITHDRAWAL, MODIFICATION of bids and the envelopes of bids duly registered. The bids received after the deadline of submission shall be returned to the concerned bidder unopened. Then envelopes marked “WITHDRAWAL” shall be opened first, read out, and recorded, and the envelope containing the corresponding Bid shall not be opened, but returned to the Bidder. If the withdrawal notice is not accompanied by a copy of the valid authorization pursuant to ITB 22.2, the withdrawal shall not be permitted and the corresponding Bid will be opened. Envelopes marked “MODIFICATION” shall be opened, read out, and recorded with the corresponding Bid. No Bid shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at bid opening. Only envelopes that are opened, read out, and recorded at bid opening shall be considered further.</p> <p>26.3 All other envelopes shall be opened one at a time, and the following read out and recorded: the name of the Bidder and</p>

	<p>whether there is a modification; the Bid Prices (per lot if applicable), any discounts and alternative offers; the presence of a Bid Security, if required; if there is discrepancy between figure and words, description of such discrepancy; whether the bid form is signed by the bidder or his agent; and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out and recorded at bid opening shall be considered for evaluation. No Bid shall be rejected at bid opening except for late bids, in accordance with ITB 25.1.</p> <p>26.4 The Purchaser shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, or modification; the Bid Price, per lot if applicable, any discounts and alternative offers if they were permitted; and the presence or absence of a Bid Security. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders who submitted bids in time, and posted on line when electronic bidding is permitted. The Bidders' representatives who are present shall also be requested to sign an attendance sheet.</p>
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E. Evaluation and Comparison of Bids

<p>27. Confidentiality</p>	<p>27.1 Information relating to the examination, evaluation, comparison, and post-qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until publication of the Contract award; thereafter, information will be disclosed in accordance with ITB 40.1.</p> <p>27.2 Any attempt by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of the Bids or Contract award decisions may result in the rejection of its Bid.</p> <p>27.3 Notwithstanding ITB 28.2, from the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.</p>
<p>28. Clarification of Bids</p>	<p>28.1 To assist in the examination, evaluation, comparison and post-qualification of the Bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder with regard to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall</p>

	<p>be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the Bids, in accordance with ITB 33.</p>
<p>29. Deviations, Reservations, and Omissions</p>	<p>29.1 During the evaluation of bids, the following definitions apply:</p> <ul style="list-style-type: none"> (a) “Deviation” is a departure from the requirements specified in the Bidding Document; (b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and (c) “Omission” is the failure to submit part or all of the information or documentation required in the Bidding Document.
<p>30. Determination of Responsiveness</p>	<p>30.1 The Purchaser’s determination of the responsiveness of a Bid is to be based on the contents of the Bid itself, as defined in ITB 12.</p> <p>30.2 A substantially responsive bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that,</p> <ul style="list-style-type: none"> (a) if accepted, would: <ul style="list-style-type: none"> (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in Section V, Schedule of Requirements; or (ii) limits in any substantial way, inconsistent with the Bidding Document, the Purchaser’s rights or the Bidder’s obligations under the proposed Contract; or (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids. <p>30.3 The Purchaser shall examine the technical aspects of the bid in particular, to confirm that all requirements of Section V, Schedule of Requirements have been met without any material deviation or reservation.</p>
<p>31. Non-material Non-conformities</p>	<p>31.1 The Purchaser may regard a Bid as responsive even if it contains minor deviations that do not materially alter or depart from the characteristics, terms, conditions and other requirement set forth in the Bidding Document or if it contains errors or oversights</p>

	<p>that are capable of being corrected without affecting the substance of the Bid.</p> <p>31.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify non-material non-conformities or omissions in the Bid related to documentation requirements. Requesting information or documentation on such non-conformities shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p> <p>31.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify non-material non-conformities or omissions. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or non-conforming item or component. The adjustment shall be made using the method indicated in Section III, Evaluation and Qualification Criteria.</p> <p>31.4 If small differences are found such as in technical specification, description, feature which does not make the bid to be rejected, then the cost, which is calculated to the extent possible due to such differences, shall be included while evaluating bid.</p> <p>31.5 If the value is found fifteen percent more than the quoted amount of the bidder on account of small differences pursuant to ITB 31.4, such bid shall be considered irresponsible in substance and shall not be considered for evaluation.</p>
<p>32. Correction of Arithmetical Errors</p>	<p>32.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:</p> <ul style="list-style-type: none"> (a) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected; (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

	32.2 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be rejected.
33. Domestic Preference	33.1 If the price of goods manufactured in Nepal, are higher up to ten percent than that of foreign goods, a margin of preference up to ten percent to the goods manufactured in Nepal shall be provided in the evaluation of the Bids. (This Clause shall be applicable only for GoN funded procurement.)
34. Evaluation and Comparison of Bids	34.1 The Purchaser shall evaluate and compare each Bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 34.2 To evaluate a Bid, the Purchaser shall only use all the criteria and methodologies defined in this Clause and in Section III, Evaluation and Qualification Criteria. No other criteria or methodology shall be permitted.
35. Post-qualification of the Bidder	35.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive Bid is qualified to perform the Contract satisfactorily. 35.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 19. 35.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
36. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	36.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the Bidders.

F. Award of Contract

37. Award Criteria	37.1 The Purchaser shall select to award the Contract to the Bidder whose offer has been determined to be the lowest evaluated Bid and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
38. Purchaser's Right to Vary	38.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section V, Schedule of

<p>Quantities at Time of Award</p>	<p>Requirements, provided this does not exceed the percentages <i>indicated in the BDS</i>, and without any change in the unit prices or other terms and conditions of the Bid and the Bidding Document.</p>
<p>39. Notification of Intention to Award</p>	<p>39.1 The Purchaser shall notify the concerned Bidder whose bid has been selected in accordance with ITB 38.1 within seven days of the selection of the bid, in writing that the Purchaser has intention to accept his/her bid and shall Inform via the Letter of Intention included in the Contract Forms and the information of name, address and amount of selected bidder shall be given to all other bidders who submitted the bid.</p> <p>39.2 If no bidder submits an application pursuant to ITB 43.1 within a period of seven days of providing the notice under ITB 40.1 the Purchaser shall accept the bid selected in accordance with ITB 38.1 prior to the expiry of bid validity period, and notification of award shall be communicated to the bidder to furnish the performance security and sign the contract within fifteen days.</p>
<p>40. Performance Security</p>	<p>40.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security Form included in Section VIII, Contract Forms, or another form acceptable to the Purchaser.</p> <p>40.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract Agreement shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.</p>
<p>41. Signing of Contract</p>	<p>41.1 The successful Bidder shall sign the contract in the form included in section VIII after the submission of performance security in accordance with ITB 41.</p> <p>41.2 At the same time, the Purchaser shall also notify all other Bidders of the results of the bidding, and shall publish in an English/Nepali language newspaper or well-known and freely accessible website the results identifying the bid and lot numbers and the following information: (i) name of each Bidder who submitted a Bid; (ii) bid prices as read out at Bid Opening; (iii) name and evaluated prices of each Bid; (iv) name of bidders whose bids were rejected and the reasons for their rejection; and (v) name of the winning Bidder, and the Price it offered, as well as the duration and summary scope of the Contract awarded.</p>

	<p>41.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, within thirty days from the date of issuance of notification of award in accordance with ITB 40.2, requests in writing the grounds on which its bid was not selected.</p>
<p>42. Complaint and Review</p>	<p>42.1 If a Bidder dissatisfies with the Procurement proceedings or the decision made by the Purchaser in the intention to award the Contract, it may file an application to the Chief of the concerning Public Entity of the Purchaser within seven (7) days of having, receipt of such notice or decision making, for review of the proceedings stating the factual and legal grounds.</p> <p>42.2 An application filled after the deadline pursuant ITB 43.1 shall not be processed.</p> <p>42.3 The chief of Public Entity of the Purchaser shall, within five (5) days after receiving the application, give its decision with reasons, in writing pursuant to ITB 43.1:</p> <ul style="list-style-type: none"> (a) whether to suspend the procurement proceeding and the procedure for further proceedings to be adopted; or (b) whether or not to reject a application. <p>No application can be submitted before the Review Committee for review against the decision made by the chief of the Public Entity for the Bid amount up to the value <i>as stated in BDS</i>.</p> <p>42.4 If the Bidder is not satisfied with the decision of the Public Entity in accordance with ITB 43.3, or the decision by the Public Entity is not given within five (5) days of receipt of application pursuant to ITB 43.1, it can, within seven (7) days of receipt of such decision, file an application to the Review Committee of the GoN, stating the reason of its disagreement on the decision of the chief of Public Entity and furnishing the relevant documents, provided that its Bid amount is above the amount as stated in ITB 43.3. The application may be sent by hand, or by post, or by courier, or by electronic media at the risk of the Bidder itself.</p> <p>42.5 Late application filed after the deadline pursuant to ITB 43.4 shall not be processed.</p> <p>42.6 Within three (3) days of the receipt of application from the Bidder, pursuant to ITB 43.4, the Review Committee shall notify the concerning Public Entity of the Purchaser to furnish its procurement proceedings and comments on the issue, pursuant to ITB 43.3.</p>

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| | <p>42.7 Within three (3) days of receipt of the notification pursuant to ITB 43.6, the Public Entity shall furnish the copy of the related documents along with its comment or reaction of complaint to the Review Committee.</p> <p>42.8 The Review Committee, after inquiring from the Bidder and the Public Entity, if needed, shall give its decision within one (1) month after receiving the application filed by the Bidder, pursuant to ITB 43.4.</p> <p>42.9 The Bidder, filing application pursuant to ITB 43.4, shall have to furnish a cash amount or Bank guarantee <i>as stated in BDS</i> with the validity period of at least ninety (90) days from the date of the filing of application pursuant to ITB 43.4. Application filed without furnishing the security deposit shall not be processed.</p> <p>42.10 If the claim made by the Bidder pursuant to ITB 43.4 is justified, the Review Committee shall have to return the security deposit to the applicant, pursuant to ITB 43.9, within seven (7) days of such decision made.</p> <p>42.11 If the claim made by the Bidder pursuant to ITB 43.4 is rejected by the Review Committee, the security deposit submitted by the Bidder pursuant to ITB 43.9 shall be forfeited.</p> |
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Section II. Bid Data Sheet

Section II. Bid Data Sheet

A. Introduction	
ITB 1.1	Name of the Purchaser: <i>Department of Hydrology and Meteorology, Nepal</i>
ITB 2.1	<p>Identification number of the Contract: [insert contract number/s]</p> <p>The goods comprises the following items and services as in schedule of requirements</p> <ul style="list-style-type: none"> • Data Loggers • Solar Panels • Battery with charge controllers • Communication modules • Local Displays • UPS • UPS Battery • Wind direction and speed sensors • Relative Humidity and air temperature sensors • Atmospheric pressure sensors • Global solar radiation sensors • Wind Mast tiltable 10m • Connecters, cables, tools, fixtures and accessories • Laptops
ITB 2.1	<p>Name of the Project:</p> <p>Select one option as appropriate. GoN Funded</p>
ITB 4.1	Bidders from the following countries are not eligible: Not applicable

ITB 4.9	<p>The foreign Bidder at the time of bid submission:</p> <ul style="list-style-type: none"> ▪ shall submit <ul style="list-style-type: none"> a. 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 proposed bid procurement proceedings and has not been punished for the profession or businesses related offence. b. The name of agent in Nepal and agreement c. Suppliers from eligible source country
ITB 5.1	<p>Goods and related services to be supplied from following countries are not eligible: Not Applicable</p>
B. Bidding Document	
ITB 8.1	<p>For clarification purposes only, the Purchaser's address is: Attention: Mr. Chiranjibi Bhetuwal, Meteorologist Name of the Purchaser: Department of Hydrology and Meteorology, Nepal City/Town: Kathmandu District: Kathmandu Country: Nepal Telephone: +977-1-4255920 Facsimile Number: +977-1- 4254890 Electronic Mail Address: cbhetuwal@yahoo.com</p>
ITB 8.1	<p>The purchaser will respond in writing to any request for clarification provided that such request is received no later than ten (10) days prior to the deadline date for submission of bid.</p>
ITB 8.2	<p>Pre-Bid meeting "<i>will not</i> " be organized.</p> <p>If a Pre-Bid meeting will take place, it will be at the following date, time and place:</p> <p>Date: Time: Place:</p>
C. Preparation of Bids	
ITB 11.1	<p>The language of the Bid is: English</p>

ITB 12.1 (h)	The Bidder shall submit the following additional documents with its Bid: a) Manufactures Technical data sheet and photos
ITB 14.1	Alternative Bids are not permitted
ITB 15.2 (i)	The price quoted shall be : The prices shall include all duties, taxes and other levies. The prices should be expressed in the term of Nepalese Rupees.
ITB 15.2 (ii)	The final installation and commissioning site is: Biratnagar airport, Morang and Kathmandu Airport, Kathmandu
ITB 15.2 (iii)	Final installation and commissioning site is Biratnagar airport, Morang and Kathmandu Airport, Kathmandu
ITB 15.3	Not applicable
ITB 15.4	The incoterms additions is: Incoterms 2000
ITB 17.1 (c)	The Bidders shall submit: <ul style="list-style-type: none"> ▪ Copy of Firm Registration Certificate ▪ Copy of Business Registration Certificate ▪ Copy of VAT and PAN Registration Certificate, ▪ Copy of Tax Clearance Certificate/Tax return submission evidence for the F/Y 2069/2070. ▪ A Manufacturer's Authorization letter is required for data logger and meteorological sensors only. ▪ A written declaration made by the bidder, with a statement that s/he is not ineligible to participate in the procurement proceedings; has no conflict of interest in the proposed procurement proceedings, and has not been punished for a profession or business related offense.
ITB 19.2	A Manufacturer's Authorization letter is required for meteorological sensors and data logger.
ITB 19.3	The Bidder "is not" required to include with its bid, evidence that it will be represented by an Agent in Nepal.
ITB 20.1	The bid validity period shall be 90 days.
ITB 21.1	The Bidder shall furnish a bid security, from "A" class commercial bank with a minimum Nepali Rupees 95000/- which shall be valid for

	30 days beyond the validity period of the bid.
ITB 21.2	If the Bidder wishes to submit the Bid Security in the form of cash, the cash should be deposited in Deposit Account No 131414/070 at NEPAL RASTRA BANK, THAPATHALI, KATHMANDU and submit the receipt of the deposited amount of cash along with the bid.
ITB 22.1	In addition to the original of the Bid, the number of copies is: " shall have" one copy
ITB 22.2	The written confirmation of Authorization to sign on behalf of the Bidder shall consist of: Authorization letter from Bidders
D. Submission and Opening of Bids	
ITB 23.1	Bidders do not have the option of submitting their bids electronically.
ITB 23.1	If bidders submit their bids electronically, the electronic bidding submission procedures shall be: Not applicable
ITB 24.1	For bid submission purposes only, the Purchaser's address is:- Atten:- Dhanabir Yadav, Senior Divisional Hydrologist <i>Name of Purchaser: Department of Hydrology and Meteorology</i> <i>P.O.Box:- 406</i> <i>City:- Babarmahal, Kathmandu</i> <i>District: Kathmandu</i> <i>Country:- Nepal</i> <i>Telephone: +977-1-4255920, 4248808, 4262374, 4262974</i> <i>Facsimile Number: +977-1- 4254890</i> <i>Email:-</i>
ITB 24.1	The deadline for bid submission is: Date: 2070/11/30 Time: 12:00 PM
ITB 24.1	If the last date of purchasing, submission and opening of Bid falls on a government holiday then the next working day shall be considered as the last day without any change in the time and place as fixed.
ITB 27.1	The bid opening shall take place at: Date: 2070/11/30 Time: 02:00 PM Place: Department of Hydrology and Meteorology, P.O. Box 406 Babarmahal, Kathmandu, Nepal

ITB 27.1	If electronic bid submission is permitted in accordance with ITB 23.1, the specific bid opening procedures shall be: Not applicable
E. Evaluation and Comparison of Bids	
F. Award of Contract	
ITB 39.1	The maximum percentage by which quantities may be increased is: 10% The maximum percentage by which quantities may be decreased is: 10%
ITB 43.3	No application can be submitted before the Review Committee for review against the decision made by the chief of the Public Entity for the bid amount up to the value of Nepalese Rupees 30,000,000 (thirty million)
ITB 43.9	The Bidder, filing application pursuant to ITB 43.4, shall have to furnish a cash amount or Bank guarantee equal to 0.5% of its bid price.

Section III. Evaluation and Qualification Criteria

Evaluation Criteria

Bids shall be considered non responsive, if;

- a) The bid is not submitted in the bid document issued by Department.*
- b) The bid is not sealed.*
- c) The bid is not submitted with the Bid Form duly filled and signed in the complete document.*
- d) The bid is not submitted within the specified date / time for submission of bids.*
- e) The bid is not submitted along with the Bid security as specified in ITB 21.*
- f) The bid does not comply with the instructions as specified in the Invitation for bid and Notice published.*
- g) Terms of payment and Destination of Delivery of the goods supplied are different from those specified in the Bid Document.*
- h) All prices quoted are either not firm or conditional or not valid for the period specified in the Bid Document.*
- i) There is a major deviation in specification of goods proposed by the bidder specified in the technical specifications.*
- j) Manufacturer's authorization letter is not submitted for all meteorological sensors and data logger wherever required in the technical specification.*

Criteria for bid evaluation shall be on the base of:

- a) Technical Specification
- b) Total cost including inland transportation from EXW/port of entry/border point to final project sites at Biratnagar airport, Morang and Kathmandu Airport, Kathmandu and services as specified in bidding data sheet.

- c) Delivery schedule: The goods specified in the list of goods and related services are to be carried out within the acceptable time range as specified in delivery schedule on this bidding document. No credit will be given to deliveries before the earliest date, and bids offering delivery after the final date shall be treated as non-responsive.
- d) Reduction in Bid Price : Not applicable (NA)

Deviation in payment schedule: NA
- e) Operating and maintenance costs. Reference to the methodology specified in the Technical Specifications or elsewhere in the Procurement documents.

Qualification Criteria

- a) The offered goods/equipment shall be latest and in current production for a minimum of 5 years. If the offered model is a new, the manufacturer must have experience in producing the similar model for a minimum of 2 years.
- b) The bidder shall furnish a list of users who had purchased same/similar goods/equipment in last 3 years, and number of equipment sold to them, the contract amount. They will be used as references to check the performance of the offered model, if necessary.
- c) The Bidder shall have an experience of at least 4 years in the supply, Delivery and Installation of aviation or general automatic weather stations with real time data transmission facilities in mountainous countries like Nepal. In addition, the supplier should have also experience in real time database management system.
- d) The bidders shall have average annual turnover in last three years of at least 5 million Nepali rupees.
- e) All the algorithms used for the processing and calculations of data should be as per the WMO and ICAO guidelines wherever applicable.
- f) Sensor should be WMO and ICAO compliant wherever applicable.
- g) Sensors should be calibrated from standard calibration laboratory, the certificate and supporting documents of that should be provided for the sensor.
- h) The tenderer shall submit a detailed item-wise compliance / non-compliance statement referring para-wise to the requirements given in this document, for quick evaluation of tender and for any future reference. The compliance statement shall be supported by original brochure(s) of the equipment or sub component from the manufacturer. In case the original brochure is silent on any part of tender specification, it shall be supported by an undertaking by the manufacturer, if claimed complied. The technical specifications and other requirements contained in this

document are essentially required by the indenter. However, reasons for non-compliance, if any, for certain limited paras, or even sub-paras of the document may also be given by the tenderer. Silence on any part of the technical specification or failure / omission to provide any such details will be treated as non-compliance. All non-compliance of specifications, even of small nature, should be clearly brought out.

Section IV. Bidding Forms

Section IV. Bidding Forms

Table of Forms

1.	Bid Submission Form.....	41
2.	Bidder's Information Form.....	43
4.	Financial Situation Form	45
5.	Average Annual Turnover Form.....	46
6.	Financial Resources Form.....	47

1. Bid Submission Form

(The Bidder shall accomplish the Bid Submission Form in its Letter Head Clearly showing the Bidders Complete name and address)

Date: _____

Contract No.: _____

Invitation for Bid No.: _____

To: _____

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Document, including Agenda No.: _____;
- (b) We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in the Schedule of Requirements, the following Goods and Related Services: _____;
_____;
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is: _____;
_____;
- (d) The discounts offered and the methodology for their application are: _____

_____;
- (e) Our Bid shall be valid for a period of _____ days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our Bid is accepted, we commit to obtain a Performance Security in the amount of _____ percent of the Contract Price for the due performance of the Contract;
- (g) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Document;
- (h) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the GoN;

-
- (i) The following commissions, gratuities, or fees, if any, have been paid or are to be paid with respect to the bidding process or execution of the Contract:

Name of Recipient	Address	Reason	Amount
_____	_____	_____	_____
_____	_____	_____	_____

(If none has been paid or is to be paid, indicate “none.”)

- (j) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.
- (k) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (l) We declare that we are not ineligible to participate in the procurement proceedings; have no conflict of interest in the proposed procurement proceedings and have not been punished for a profession or business related offense.
- (m) We agree to permit GON or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the GON.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

2. Bidder's Information Form

[The Bidder shall fill in this Form. No alterations to its format shall be permitted and no substitutions shall be accepted. In case of joint venture, each partner shall fill the information in separate form.]

Date:[insert date (as day, month and year) of Bid Submission]

Page _____ of _____ pages

1.	Bidder's Legal Name	
2.	Bidder's Address:	
3.	Bidder's Country of Registration:	
4.	Bidder's Year of Registration:	
5.	Bidder's Legal Address in Country of Registration	
6.	Bidder's Authorized Representative Information: Name: Address: Telephone/Fax numbers: Email Address	
7.	Bidder's Telephone/Fax numbers:	
8.	Bidder's Email Address:	
	Attached are copies of the following original documents. <input type="checkbox"/> 1. Firm Registration Certificate <input type="checkbox"/> 2. Authorization to represent the firm	

3. Joint Venture Information Form

Lead Partner	Name of the Lead Partner in Joint Venture: <div style="text-align: center;">Share of the Lead Partner:</div> <div style="text-align: center;">Place of Firm Registration:</div> <div style="text-align: center;">Place of Business Registration:</div> <div style="text-align: center;">Percentage of Partnership:</div>	
Partner	Name of the Partner in Joint Venture: <div style="text-align: center;">Share of the Lead Partner:</div> <div style="text-align: center;">Place of Firm Registration:</div> <div style="text-align: center;">Place of Business Registration:</div> <div style="text-align: center;">Percentage of Partnership:</div>	
Partner	Name of the Partner in Joint Venture: <div style="text-align: center;">Share of the Lead Partner:</div> <div style="text-align: center;">Place of Firm Registration:</div> <div style="text-align: center;">Place of Business Registration:</div> <div style="text-align: center;">Percentage of Partnership:</div>	
	Name of the partner authorized to sign the Bid:	

4. Financial Situation Form

Year 1:	Year 2:	Year 3:

Information from Balance Sheet

Total Assets			
Total Liabilities			
Net Worth			
Current Assets			
Current Liabilities			

Information from Income Statement

Total Revenues			
Profits Before Taxes			
Profits After Taxes			

- Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last three or above years, as indicated above, complying with the following conditions?
- Historic financial statements must be audited by a certified accountant.
 - Historic financial statements must be complete, including all notes to the financial statements.
 - Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

5. Average Annual Turnover Form

The information supplied should be the Annual Turnover of the Bidder in terms of the amounts billed to clients for each year for work in progress or completed to NRs at the end of the period reported.

Year	Amount (in NRs)
Average Annual Turnover	

6. Financial Resources Form

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, available to meet the total cash flow requirements of the subject contract

No.	Source of financing	Amount (in NRs)
1		
2		
3		

Note:

The letter from the Bank must be unconditional.

7. Pending Litigation Form

Each Bidder or member of a JV must fill in this form

Year	Matter in Dispute	Value of Pending Claim in NRs	Value of Pending Claim as a Percentage of Net Worth

8. Specific Experience Form

Bidder's Legal Name: _____ Date: _____
 IFB No.: _____
 Page _____ of _____ pages

Similar Contract	Information		
Contract Identification	_____		
Award date	_____		
Completion date	_____		
Role in Contract	<input type="checkbox"/> Contractor	<input type="checkbox"/> Management Contractor	<input type="checkbox"/> Subcontractor
Total Contract amount	_____		Currency_____
Description of the works performed by the Bidder			
If partner in a JV or subcontractor, specify participation of total Contract amount	_____ %	_____	Currency_____
Employer's Name:	_____		
Employer's Address:			
Employer's Telephone/fax number:	_____		
Employer's E-mail:	_____		

The Bidder shall complete this form for each contract completed/in progress.

Price Schedules

Price Schedule for Goods	51
Price Schedule for Related Services	52
Manufacturer's Authorization Letter	57

Price Schedule for Goods

Name of Bidder _____ Contract Identification Number _____

Item	Description	Country of Origin	Quantity	Unit price ¹ EXW		Total price EXW (in NRs) (cols. 4x5=6)
				(in NRs)		
				In Figure	In Words	
1	2	3	4	5		4x5=6
1	Data Logger with housing and mast for installation		2			
2	Solar Panel (40 watt)		2			
3	Battery with Charge Controller (12volt 75 AH)		2			
4	Communication Module dual (CDMA and GPRS)		2			
5	Local Display		2			
6	Back up Battery for local display(150AH tubular)		1			
7	UPS for local display operation (250 VA branded)		1			
8	Aviation standard Wind Speed and Direction Sensor		2			
9	Relative Humidity, Air Temperature Sensor and radiation shield		2			
10	Aviation standard Atmospheric Pressure Sensor		2			

Note: Unit price shall include all custom duties and taxes, transportation cost to the final destination and insurance cost.

¹ The price shall include all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item or the customs duties and sales and other taxes paid on the previously imported item offered ex warehouse, ex showroom, or off-the-shelf. These factors should not be entered separately.

Name of Bidder _____ Contract Identification Number _____

Item	Description	Country of Origin	Quantity	Unit price ² (in NRs)		Total price (in NRs) (cols. 4x5)
				In Figure	In Words	
1	2	3	4	5		4x5=6
11	10m Wind Mast		1			
12	Global solar radiation sensor		1			
13	Cables, connectors, accessories, fixtures, tools, raingauge stand, data logger stand, solar radiation sensor plates etc as required for the installation		Lum sump For 2 stations			
14	Laptop for Maintenance and data download		2			
Total						
VAT						
Grand Total						

Note: Unit price shall include all custom duties and taxes, transportation cost to the final destination and insurance cost.

² The price shall include all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item or the customs duties and sales and other taxes paid on the previously imported item offered ex warehouse, ex showroom, or off-the-shelf. These factors should not be entered separately.

Price Schedule for Related Services

Name of Bidder _____ Contract Identification Number _____

Item	Description	Country of Origin	Quantity	Unit price ³ EXW (in NRs)		Total price EXW (in NRs) (cols. 4x5)
				In Figure	In Words	
1	2	3	4	5		4x5=6
1	Installation of complete Data Logger, solar panel, communication module, cable and connectors, wind speed and direction sensor, wind mast (10m), air temperature and relative humidity sensor, tipping bucket rainguage (to be provided by DHM), atmospheric pressure sensor, global solar radiation, maintenance free rechargeable battery, UPS, local display at Biratnagar Airport aeronautical meteorological station		1 set			
2	Installation of complete Data Logger, solar panel, communication module, cable and connectors, wind speed and direction sensor, wind mast (existing wind mast will be utilized), air temperature and relative humidity sensor, tipping bucket rainguage (to be provided by DHM), atmospheric pressure sensor, global solar radiation at Kathmandu Airport station		1 set			

³ The price shall include all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item or the customs duties and sales and other taxes paid on the previously imported item offered ex warehouse, ex showroom, or off-the-shelf. These factors should not be entered separately.

3	Procure both CDMA and GSM data transmission services including RUIIM/SIM cards from the telecom service providers and provide the service for all the transmission system for a year and maintenance of all the components for 1 year		1 set each for 2 stations			
4	Integration of existing public display at Biratnagar with AWS (details of this will be provided by DHM)		1 no.			
5	Post the real time data in DHM's meteorological database located in Singhdarbar and develop web based data visualization in real time at DHM website		1			
6	Training for 5 technicians on telemetry system for 5 days on suppliers premises		1			
						Total
						VAT
						Grand Total

Note: Unit price shall include all custom duties and taxes, transportation cost to the final destination and insurance cost.

Summary of Price Schedule for Goods and Related Services

1	2	3	4
S.N.	Description	Price in words	Price in figures
1	Price of Goods		
2	Price of Related Services		
Total Bid price			

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

Bid Security

[This is the format for the Bid Security to be issued on the letterhead by a "A" class commercial bank specified by Nepal Rastra Bank]

[insert Bank's Name, and Address of Issuing Branch or Office]

Date: *[insert date]*

Beneficiary: Department of Hydrology and Meteorology, P.O.Box 406, Babarmahal, Kathmandu, Nepal

BID GUARANTEE No.: *[insert number]*

We have been informed that *[insert name of the Bidder]* (hereinafter called "the Bidder") intends to submit its bid to you (hereinafter called "the Bid") for the execution of *[insert name of contract]* under Invitation for Bids No. *[insert IFB number]* ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we *[insert name of Bank]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount in figures][insert amount in words]* upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Form of Bid; or
- (b) having been notified of the acceptance of its Bid by the *Purchaser* during the period of bid validity, (i) fails or refuses to execute the Contract, if required, or (ii) fails or refuses to furnish the performance security, in accordance with the ITB.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; and (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder; or (ii) thirty (30) days after the expiration of the Bidder's bid which comes to be *[insert the date]*.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid Security for and on behalf of _____

Date _____

Manufacturer's Authorization Letter

[This letter of authorisation should be on the letterhead of the manufacturer and should be signed by the person with the proper authority to sign documents that are binding on the manufacturer]



Date: _____

IFB No.: _____

To: _____

WHEREAS _____ who are official manufacturers of _____ having factories at _____ do hereby authorize _____ exclusively to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is exclusively to provide the following Goods, manufactured by us _____ and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm in reply to this Invitation for Bids.

Name _____

In the capacity of: _____

Signed _____

Duly authorized to sign the Authorization for and on behalf of _____

Date _____

Section V. Schedule of Requirements

Section V. Schedule of Requirements

Contents

1.	List of goods and delivery schedule	60
2.	List of related services and completion schedule	62
3.	Technical Specifications.....	64

1. List of goods and delivery schedule

Delivery shall take place in compliance with the dates, duration, and locations indicated below

1.a Goods to be delivered in Biratnagar Airport (date is from the date of contract)

S. N.	Name of Goods	Unit	Quantity	Earliest delivery date (as per incoterm) DDP	Latest delivery date (as per incoterm) DDP	Bidders offered delivery date at DDP
1	Data Logger with housing and mast	no.	1	60 days	90days	
2	Solar Panel (40 watt)	no.	1	60 days	90days	
3	Battery with Charge Controller (12volt 75 AH)	no.	1	60 days	90days	
4	Communication Module dual (CDMA and GPRS)	no.	1	60 days	90days	
5	Local Display	no.	1	60 days	90days	
6	Back up Battery for local display(150AH tubular)	No.	1	60 days	90days	
7	UPS for local display operation (250 VA branded)	No.	1	60 days	90days	
8	Wind Speed and Direction Sensor aviation standard	no.	1	60 days	90days	
9	Relative Humidity, Air Temperature Sensor and radiation shield	no.	1	60 days	90days	
10	Atmospheric Pressure Sensor aviation standard	no.	1	60 days	90days	
11	10m Wind Mast tiltable	no.	1	60 days	90days	
12	Cables, connectors, accessories, fixtures, tools, rain gauge stand, data logger stand, solar radiation sensor plates etc as required for the installation	LU MP SU M	For whole set	60 days	90days	

1.b Goods to be delivered in Kathmandu Airport Meteorological station

S. N.	Name of Goods	Unit	Quantity	Earliest delivery date (as per incoterms) DDP	Latest delivery date (as per incoterms) DDP	Bidders offered delivery date at DDP
1	Data Logger with housing and mast	no.	1	60 days	90days	
2	Solar Panel (40 watt)	no.	1	60 days	90days	
3	Battery with Charge Controller (12volt 75 AH)	no.	1	60 days	90days	
4	Communication Module dual (CDMA and GPRS)	no.	1	60 days	90days	
5	Wind Speed and Direction Sensor aviation standard	no.	1	60 days	90days	
6	Relative Humidity, Air Temperature Sensor and radiation shield	no.	1	60 days	90days	
7	Atmospheric Pressure Sensor aviation standard	no.	1	60 days	90days	
8	Global solar radiation sensor	no.	1	60 days	90days	
9	Local Display	no.	1	60 days	90days	
10	Cables, connectors, accessories, fixtures, tools, raingauge stand, data logger stand, solar radiation sensor plates etc as required for the installation	LU MP SU M	For whole set	60 days	90days	
11	Laptops for maintenance and data download (to be delivered in DHM office)	no.	2	60 days	90days	

2. List of related services and completion schedule

S.N.	Description of service	Quantity	Physical unit	Places where services shall be performed	Final completion date of services	Offered completion date
1	Installation of complete Data Logger, solar panel, communication module, cable and connectors, wind speed and direction sensor, wind mast, air temperature and relative humidity sensor, tipping bucket rain gauge (to be provided by DHM for installation), atmospheric pressure sensor, global solar radiation (to be provided by DHM), maintenance free rechargeable battery, UPS, local display at Biratnagar Airport aeronautical meteorological station	1	Set	Biratnagar airport meteorological observatory and office premises	100 days from date of contract	
2	Installation of complete Data Logger, solar panel, communication module, cable and connectors, wind speed and direction sensor, wind mast (existing mast will be utilized), air temperature and relative humidity sensor, tipping bucket rain gauge (to be provided by DHM for installation), atmospheric pressure sensor, global solar radiation, local display maintenance free rechargeable battery at Kathmandu Airport aeronautical meteorological station	1	set	Kathmandu Airport station Kathmandu and office premises	100 days from date of contract	
3	Procure both CDMA and GSM data transmission services including RUIM/SIM cards from the telecom service providers and provide the service for all the transmission system for a year and maintenance of all the components for 1 year to both stations.	2	set	For both cdma and gsm for Kathmandu Airport and Biratnagar station and both stations maintenance	100 days from date of contract	

4	Post the real time data in DHM's meteorological database located in Singhdarbar and develop web based data visualization in real time at DHM website for both stations	1	set	DHM	100 days from date of contract	
5	Integration of existing public display with AWS	1	set	Biratnagar airport	100 days from date of contract	
6	Training for 5 technicians on telemetry system for 5 days on suppliers premises	1	package		100 days from date of contract	

The installation of instruments should be as per the WMO Guidelines (Guide to Meteorological Instruments and Methods of Observation of World Meteorological Organization (CIMO_Guide-7th_Edition-2008).

- Wind Speed and Direction sensors at 10m above the surface.
- Raingauge at 1m above the ground surface.
- Air temperature and relative humidity sensor at 1.25 to 2 m above the surface.
- The standard SYNOP code should be used wherever required.

3. Technical Specifications

Introduction:-

Department of Hydrology and Meteorology (DHM) is maintaining number of Precipitation, Climatological, Aero-Synoptic, Synoptic and Agro-meteorological stations to provide climate, weather and water information for weather forecasting, agricultural activities, water resources planning, climatological analysis etc.

Department is in the process of modernization with installing automatic weather stations and various modern instruments to meet users more frequent and high quality data and information requirement.

Aviation industry is one of the users of meteorological service and currently, DHM is providing aviation meteorological services in 7 major airports of Nepal for the safety and comfort of aviation operation.

In the process of modernization, DHM in this fiscal year from its regular government is intending to install high quality aviation automatic weather station with real time data transmission facility in Kathmandu Airport and Biratnagar Airport.

The system uses various sensors for detecting air temperature, relative humidity, atmospheric pressure, wind speed and direction, rainfall and global solar radiation. These data are first stored in data logger which supports CDMA, GPRS. The data are stored and locally displayed in local meteorological office at airport via direct cable and also transmitted to the central server located at Kathmandu in fixed interval for weather forecasting and aviation operation.

Objective:-

The main objective of this work is to install aviation automatic weather station with real time data transmission facility based on dual CDMA and GPRS wireless transmission system and also the local display at aviation meteorological office at Kathmandu Airport and Biratnagar airport for the purpose of aviation operation and weather forecasting.

Area of Work:

S.N.	Station no	Name of Station/District	Lon E Deg min	Lat N Deg min	Elv m	Type of station	Accessibility
1	1319	Biratnagar Airport, Morang	2629	8716	72	Aero-Synoptic	Road and airport
2	1030	Kathmandu Airport, Kathmandu	2742	8522	1337	Aero-Synoptic	Road

Scope of Work:-

- 1) Supply, delivery and installation of following meteorological equipments for aviation operation and weather forecasting.
 - Data logger with Communication module
 - Solar Panel
 - Maintenance free rechargeable batteries 12V (75AH)
 - Local display for local meteorological data visualization
 - Back up Battery and UPS for local display (150AH Inva tubular and UPS 250 VA branded)

- Meteorological sensors
 - Wind Mast tiltable (10m)
 - Laptops for maintenance and data download
 - Cables, connectors, accessories, tools, fixtures.
- 2) Transportation and Installation of above equipments to Biratnagar airport and Kathmandu airport meteorological stations.
 - 3) Procure both CDMA and GSM data transmission services including RUIM/SIM cards from the telecom service providers and provide the service for all the transmission system for a year.
 - 4) Provide maintenance for the first year.
 - 5) Post the real time data in DHM's meteorological database located in Singhdarbar in its standard compatible format and visualize data in real time at DHM website.
 - 6) Install local display in meteorological field office room located at Biratnagar airport and Kathmandu airport and stretch cable from automatic weather station to the office room. Visualize the data in display via direct cable connection and interactive visualization software.
 - 7) Stretch the cable from AWS to existing public display and integrate the data in existing public display.
 - 8) Provide training to the DHM technical personals in the suppliers' premises.

Technical Specifications

A. DATA LOGGER:

A Hydro-Meteorological Data Measurement Logger to receive data from various meteorological sensors and store the values within itself in an internal memory, smart media flash card type memory and external flash memory.

Data should be measured as frequently as less than every 1 sec. and stored in predefined intervals with time tags. The stored data should be transmitted through dual GPRS and CDMA transmission module. Data needs to be retrieved by removing the flash card, via USB flash drive or via direct serial port/USB to direct interface local computer/Laptop system. The unit should be able to handle various types of sensors with digital, analog and frequency, pulse type input/outputs. The system should be WMO/ICAO compliant wherever required.

All the algorithms used for the processing and calculations of data should be as per the WMO guidelines.

General Features of Logger and Transmission unit:-

- System should automatically collect the observation from connected sensors, process the same and store them in memory as per the pre-programmed procedure at a specified time interval and data should be transmitted over the internet to database server located in Kathmandu.
- The data logger configuration setting and polling rate must be controllable and accessible via internet.
- The system should be stand alone.

- The sensors channels (Digital, Analog and counter) must be compatible with data logger.
- The data should be transmitted through dual CDMA and GSM transmission modem.
- The system should have a capability to store data for at least 6 years.
- Should have capability to send SMS and email alerts for various threshold conditions.
- System should have the facility to log the errors, battery voltage and power supply and that should be posted to data base server to monitor power and logger status.
- The system shall support the following functions:
 1. Easy programming set up.
 2. Multi tasking capability
 3. User friendly software programming
- The system shall be provided with a keypad option and lcd display in the front panel.
- Data including the setup and program files shall be transferable from the system via a serial port to PC or other suitable memory device and vice versa. The data logger should be also configurable remotely using internet connections.
- The system should be full compatibility with all types of sensors provided in the packages shall be mandatory.
- The system should have a features to give calibration offsets in suitable equations.
- The system should be stand-alone and all programming functions/set-ups to be carried out through system keypad and display independent of a PC/Laptop.
- Source code of the AWS software utilized in the data logger and transmission unit is to be provided along with compilers required for the same.
- System should have a dedicated port to interface a remote display unit and facilitate values of meteorological parameters to be displayed in real time basis at user-defined intervals. The location of the display unit may vary from 50 metres to 2 km.
- A warning system to be provided along with the error log including the date and time of failure and also invalid data type.
- All the errors should be logged in the system and accessible via the internet.
- Communication error logs should be transmitted to a number by SMS.
- Should incorporate a watch dog timer, in case of software faults.

A 2:-Power Supply Details

SOLAR PANEL:

- Photo voltaic solar panel; to charge batteries from solar energy, 12Volt and 40 Watts power.

- Capable of keeping the battery afloat for 365 days.

AC INPUT:- 220 V, 50HZ

CHARGE REGULATOR:

- Smart Charge regulator to charge 12Volt, 75AHr battery from power supplied by solar panel with intelligent charge control.
- The charge regulator should have the feature to provide charging voltage, load current, charging current, PV voltage etc

STORAGE BATTERY:

- Sealed maintenance free lead acid battery; 12Volt, 75AHr with high quality instrumentation class terminals and copper connection cable RED+BLACK.

BATTERY STORAGE CASING:

- The battery should preferably housed in a weather proof vented outdoor housing (installed adjacent to the logger housing) and connected to the logger housing using environment proof plastic twist connectors.

A. 3:- CASING FOR LOGGER:

The logger must be housed in a Rugged; Water and Dust Proof sealed Stainless Steel or aluminium Enclosure with pad locks that can with stand direct exposure to harsh environment. The casing should be mountable on the triangular steel tower.

A-4:- CONNECTERS:

All exposed connectors must be rugged industrial grade plastic twist lock multi pole type; so that they are corrosion and climate/environment proof.

SOFTWARE:-

The system must be supplied with the following software:

- PC based – user friendly configuration software to configure and install each sensor and new type of sensors that are not currently installed.
- PC based - set up program to set how measurements are to be done by sensor and how data is to be stored.
- PC based software to retrieve data from Memory of the data logger and display different parameters in readable form and export data.
- PC based – Presentation and Display software to display instantaneous and stored data in suitable tabular and graphic format.
- Programmable via internet interface
- Software should have ability to transmit data automatically at Meteorological Central database installed at Kathmandu in BINARY /ASCII format.

- Software should also have capabilities to pool “Current” Real time data as well as “Archived” historical data at a pre-defined interval programmed in the Database management software automatically without user intervention.

B: - Data Communication System (modems):

- The communication modem should be dual (CDMA and GSM).
- GPRS packet communication modem system should be used for data transfer using GSM and PSDN should be used for data transfer using CDMA communication modem system.
- Communication system should be any of the Nepali GSM and CDMA networks (that may have service in the area of installation).
- The communication module should consist of redundant operation mode and it should switch over to best available network on real time.
- Complete end-to-end system, to transmit data from remote loggers to the Central database management system located in Singhdarbar at pre-programmed intervals, or alternately respond to Polls from central office.
- Power to the modem be supplied by the common system battery.
- Data server configuration.
- Service provider configuration.
- SMS and email for alerts
- Data should be sent using secured HTTP.
- Each unit of information should be separated by unique character.
- Should provide the status of balance of sim card to the database.

C. Display Unit: -

Display unit to display the values of eight or more meteorological parameters at local meteorological office is required.

- Option for selection of sensors whose data is to be displayed is to be provided. The location for display of each parameter within the screen should also be adjustable.
- Measurement schedules for selected sensors (1minute, 2 minute, and 10 minute) along with option for displaying instantaneous or average values to be provided.
- Selections required in the configuration and set up files to be provided.
- Measured data should be sent to the display through a suitable output port, preferably RS-485 port so as to support a distance between 50 meters to 2 km between AWS and display.

- Suitable display unit compatible with the data logger having alpha-numeric details in the specification of display.
- The display unit can be software programmable with a PC, if required.
- The design of the display unit should be universal with compatibility to interface any type of data logger.
- Display unit should have independent power supply (AC Mains / Battery) and it should have a backup of 24hrs max.
- Option for displaying data in METAR format.
- Provision for entering manually recorded Synoptic weather observation, METAR and conventional observations like cloud visibility etc.
- Should have the optional features for automatically transmitting the SYNOP code message in WMO /BUFR format.

Specification for Meteorological Sensors:

Sensors Requisite:-

- The sensors along with the accessories and facilities shall be fully compatible with the data logger and transmission system specified.
- In the case of sensors with certain optional features which are required to be ordered separately and are not included as a part of the main offer, the same shall be clearly specified in the bid along with the functions of such features. The bidder shall provide all necessary information to enable taking decision regarding ordering for any such features or not.
- The bidders shall enclose ORIGINAL copies of latest technical literature with their technical bids in respect of all the sensors being offered.
- Sensor should be of higher standard to meet high standard aviation meteorological requirements.
- Sensor should be WMO and ICAO compliant wherever applicable.
- Sensors should be calibrated from accredited calibration laboratory with traceability to international standard laboratory (NIST, NPL and NAMAS etc), the certificate and supporting documents of which should be provide wherever applicable.
- The details of the instrument information should be provided after the installation.

Technical Specification details of all the Goods:

The bidders are strictly required to fill this sheet or attach the printed copy of the document totally in the same format. The further evaluation of bid will not be carried out if the similar format is not used or filled properly.

Item Name	Details of Specification Required	Offered specification details
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		Specification offered	Supporting documents and page no.
Data Logger	Model		
	Analog Ports	4 Differential or 8 single ended (SE) individually configured channel (0-20ma, 4-20ma, 0-1v, 0-5v, 0-10v, 2-10v etc	
	Pulse counters:	2 Counter/frequency inputs Switch closure (minimum switch closure time 5ms)	
	Digital Ports:	4 Input Output ports (RS-485, 232 & SDI 12etc) Up to 10 SDI 12 ports should be supported by each I/O port	
	Storage		
	Device	SRAM, Flash	
	Flash Program Memory for operating system:	2MB or more	
	Battery-backed SRAM for CPU usage data storage and programme storage	4MB or more	
	External Flash memory	2GB flash storage	
	Operating voltage	12Volt	
	Extra data and information	Login and post error in the system, battery voltage and charging etc, programmable remotely from web, reset the sensors	
	Algorithm used	WMO and ICAO compliant	
	Calibration offset facility	Should have simple equations to configure the calibration offset	
	Communication Ports	RS-232 1 No RS-485 1 No for long distance transmission. USB 1 port (Simultaneous communication on all ports)	
	Operating Temperature	- 30 ~ + 60 C°	
Processor	32bit		
A/D converter	more than 10bit		

	LCD Display	16 character and 2 lines display		
	Timer	Real time synchronization with international time servers.		
	Power Supply			
	1	12Volt, 40Watt		
	2	AC 220v, 50HZ		
	3	12V, 75AH		
	Manufacturers authorization certificate	is required		
	Warranty	3-years against defects in materials and workmanship.		
Item Name	Details of Specification Required		Offered specification details	
			Specification offered	Supporting documents and page no.
Wind Sensor Ultrasonic	Model	Equivalent sensors:-Vaisala WMT700, Adolf THies, Ultrasonic 2 D anemometer or Gill Wind observer 70		
	Wind Speed			
	Sensor Type	Ultrasonic		
	Measuring range	0 to 70 m/s		
	Starting threshold	<0.02 m/s		
	Accuracy	± 0.1 m/s or 2% of reading, whichever is greater @12m/s		
	Resolution	0.01 m/s		
	Response time	250ms		
	Operating temperature	-40 to +60C°		
	Operating Relative humidity	10-100%.		
	Output signal:-	RS 485, SDI 12		
	Wind Direction			
	Measuring range	0 to 359 Deg		
	Accuracy:	+/- 2 % at 12m/s		
	Resolution:	2 deg		
	Response time	250ms		
	Cable length for both	12m		
Starting threshold	0.1 m/s			

	Calculation in wind	Wind Gust and maximum wind calculation according to WMO guidelines and vector resolution etc		
	Compliance	WMO and ICAO compliant		
	Standard for traceability	Traceable to international standards like NAMAS		
	Approval	FAA and CAA approved preferred (WMO compliant)		
	Manufacturers authorization certificate	is required		
Item Name	Details of Specification Required		Offered specification details	
			Specification offered	Supporting documents and page no.
Temperature and Relative Humidity sensor Combined	Models	Equivalent Sensors: 1. Humidity and Temperature Probe HMP155, Vaisala, 2. Hygroclip2 HC2-S3-L, Rotronic Company, 3. Combined Humidity and temperature sensor (8091) Lambrecht Germanay, 4. Hygro thermo transmitter with ZE21 sinter filter (1.1005.54 or 64) Adolf Thies, Germany)		
	Air temperature			
	Sensor Type	Platinum resistance Thermometer (Pt100) Class B		
	Measurement range	-40 to +60 °C		
	Output	RS485 or RS232		
	Accuracy:	±0.1°C.		
	Resolution	0.01 C		
	Long-term stability	<0.2 °C / year		
	Temperature response time	3...15 seconds		
	Relative Humidity			
	Sensor type	Hygromer capacitive		
	Probe type	Standard probe		
	Range	0 – 100%		

	Accuracy	± 5 % Rh		
	Operating temperature range	-40 ... +60 °C		
	Output	RS485 or RS232		
	Humidity response time	3...15 seconds		
	Long-term stability	< 1 % rh/year		
	Traceable standard	NIST, NPL or equivalent standards		
	Calculation and compliance:-	Dew point (WMO compliant)		
	Manufacturers authorization certificate	is required		
Item Name	Details of Specification Required		Offered specification details	
			Specification offered	Supporting documents and page no.
Atmospheric Pressure Sensor	Models	Equivalent sensor:- PTB330Barometer, Vaisala		
	<i>Sensor type</i>	Silicon capacitive /Resonater		
	Pressure Range	500- 1100 hPa		
	Operating Temperature range	-40 to +60 °C		
	Total accuracy	±0.15 hPa in -25 to +60 °C		
	Long-term stability	0.1hPa/year or 100 ppm/year		
	Inputs and outputs	RS 232 or RS485 or SDI-12		
	Resolution	0.1hPa		
	Calculation and compliance	QNH, QFF internally or in data logger (WMO compliant)		
	Traceability	NIST, NPL or equivalent preferred		
	Manufacturers authorization certificate	is required		
Item Name	Details of Specification Required		Offered specification details	

			Specification offered	Supporting documents and page no.
Wind Mast (10m height)	Model	Equivalent to Vaisala, Finland DKP210 or Climatronics tripod aluminum mast CS33 preferred equivalent design is DKP210		
	Material	Hardened down Aluminium alloy or galvanized iron		
	Round Pipe (total length 10m)	Lowest section (0 ... 1.9 m) 100 mm Second section (1.9 ... 4.9 m) 75 mm Third section 63 mm Highest section 50/60 mm Top of the mast 60 mm (this is according to DKP 210) please fill the details as in your mast design		
	Hinge base and bolts	Stainless steel or galvanized iron		
	Guy wire(optional)	3 sets stainless steel		
	Tilting support	Should be tilt-able even after installation(by max. 2 person)		
	Winch for tilting during installation and maintenance(only if required)	According to the mast supplied		
	Manufacturers authorization certificate	is not required		
Item Name	Details of Specification Required		Offered specification details	
			Specification offered	Supporting documents and page no.
Display Unit (embedded Pc not the display in desktop PC)	Hardware features			
	Processor	Intel Atom		
	Chipset	Intel		
	Display	Minimum 8 inch, 800x600 resolution		
	Touch	Resistive or Better		

	IO Ports	RS232, RS485, USB, VGA		
	Physical	Industrial Grade		
	Operating Temperature	-10 deg. C – 50 deg. C		
	Power Backup Required	24 hours		
	Software Features			
	OS	Licensed OS		
	Modules	Data Acquisition, Quality Control, Visualization, Maintenance modules		
	Input	METAR and conventional data from remote terminals		
	Output	SYNOP or BUFR data OVER LAN.		
	Interface	Configurable display for Wind speed/direction, gust, temperature, humidity, pressure, QNH, QFE, precipitation, visibility, cloud height as obtained from AWS		
	Logging	Should be able to archive real time data		
	Manufacturers authorization certificate	is not required		
Item Name	Details of Specification Required		Offered specification details	
			Specification offered	Supporting documents and page no.
Tubular Inverter Battery (Exide or equivalent)	Equivalent Battery:	Exide Inva Torr Tubular Battery		
	Overview Features	Electrolyte level indicator, Ironclad Tubular Technology		
	Capacity	150AH Capacity		
	Material	Lead Acid		
	Warranty	2 Year		
	Volume of Electrolyte	18-22 litre		

	Operating Voltage	12-20 Volt		
	Manufacturers authorization certificate	is not required		
Item Name	Details of Specification Required		Offered specification details	
			Specification offered	Supporting documents and page no.
Branded UPS 2 50VA Long backup model online UPS Set	Capacity:	250VA		
	Input voltage:	220V		
	Input current:	8.1 AH		
	Rated voltage:-	208VAC/220VAC/230VAC/240V AC can be set on LCD		
	Protection:-	Over-temp protection, Fan testing protection AC L and N connect wrong protection Output short circuit protection		
	Statue analyze:	Switch on/off UPS system, Monitor UPS working state ,store history		
	Display	LCD/LED		
	System Operating Environment	0 ~ 40 °C temperature and Humidity 20 ~ 90%(non-condensing)		
	Manufacturers authorization certificate	is not required		
Item Name	Details of Specification Required		Offered specification details	
			Specification offered	Supporting documents and page no.
Dual (CDMA and GPRS) Communication Modem	CDMA	2000 1X		
	CDMA modem Access mode:	CDMA		
	CDMA protocols:	IS-95 A/B,IS-98A, IS-126,IS-637A, IS-683,IS-707A, IS-2000		
	Frequency:	800 Mhz		
	Frequency interval between Tx and Rx:	45Mhz for800M Cellular		
	Rx sensitivity:	-104 dBm (FER <=0.5%)		
	Rx signal Transmission	-25 dBm - 104dBm(FER<=0.5%)		

	range:			
	Rx signal Receiving range:	-25dBm - 104dBm (FER<=0.5%)		
	SMS:	Supports Text		
	Data:	Supports internal TCP/ IP stack		
	Data Speed:	Up/down link data rate 153.6kbps		
	UIM Interface:	UIM card Interface		
	Antenna interface:	50 Ohms input impedance		
	GSM modem Rx/ Tx frequency interval:	45Mhz for GSM 85045Mhz for EGSM 900 95Mhz for DCS 1800 80Mhz for PCS 1900		
	SMS:	Supports text		
	Data:	Supports Internal TCP/IP stack		
	Data Speed:	Depends on encoding Maximum upload at 85.6Kbps and download at 42.8Kbpsmodes:		
	SIM Interface:	SIM Card Interface		
	Antenna Interface:	50 Ohms input impedance		
	Data Posting Method	HTTP		
Item Name	Details of Specification Required		Offered specification details	
			Specification offered	Supporting documents and page no.
Global Solar radiation sensor	Model	Equivalent model: CMP3, Kipp and Zonnen		
	Sensor Type	Pyranometer, Thermopile		
	Spectral Range	300-2800nm		
	Sensitivity	7-20 μ V/W/m ²		
	Response time	<18 Sec		
	Maximum Irradiance	2000 watt/m ²		
	Long term stability	\pm 1%		

	Field of view	180 degree			
	Impedance	20 to 200 Ω			
	Operating temperature	-40 to 80 °C			
	Signal output	mv			
	Non linearity	<1% (± 10 Watt/m ²)			
	Daily uncertainty	<10%			
	Traceability	World radiation reference (WRR)			
	Manufacture's authorization letter	Is required			
Item Name	Details of Specification Required		Offered specification details		
			Specification offered	Supporting documents and page no.	
Laptop	Processor	5th generation intel core i5 2.6 GHz			
	Operating system	Windows 8			
	Memory	4GB DDR3			
	Graphics	NVIDIA® GeForce® GT625M 1GB DDR3			
	Display	14.0"(35.6cm) LED Backlit Display			
	Hard Drive	500GB SATA hard drive			
	Optical Drive	Tray-loading DVD+/-RW			
	Battery	6 cell lithium			
	Camera	1.0MP webcam with digital microphone			
	Wireless/ Network	Dell Wireless 1703 802.11b/g/n, Bluetooth v4.0+LE and Integrated Ethernet 10/100			
	Ports, Slots	USB 3.0 (3 ports) RJ45 Ethernet-1			
	Memory Card reader	Card	Digital (SD) Memory Card		
			Secure Digital High Capacity (SDHC)		
		Secure Digital Extended Capacity (SDXC) with UHS 50MB/Sec			

	Memory Stick (MS)		
	Memory Stick PRO (MS Pro)		
	Memory Stick XC (MSXC)		
	Multi Media Card (MMC)		
	Multi Media Card plus (MMC+) Supported in MMC compatibility mode only		

Local Earthing: The lightning arrestor rod is made of copper which is mounted on the top most part of the tower. It should be of thickness 12 mm and of one metre length with a connected copper wire of dimensions 15 metres length and 6 mm thickness (gauge). At the other end of the copper wire is the Earthing rod of dimensions 15mm thickness and 1.8 meter length, which is buried into the ground. On the bottom of Earthing rod, one copper plate of dimensions 1' x 1' should be connected. AWS data logger enclosure should also be grounded with local earthing.

A pit of 4-5 feet depth, 2' X 2' wide at bottom (like a cone shaped pit) has to be dug. The copper earthing rod is placed in the center of the pit. The pit is filled with salt and sand and should be leveled.

Concrete foundations:-

Concrete pillar foundations for the AWS tower angle, anchor rod should be made in the volumetric mixing proportions as follows:

Concrete foundation: 1 (Cement): 2 (Sand): 4 (Metal)

Fine plastering: 4(Cement): 1 (Sand)

Training:-

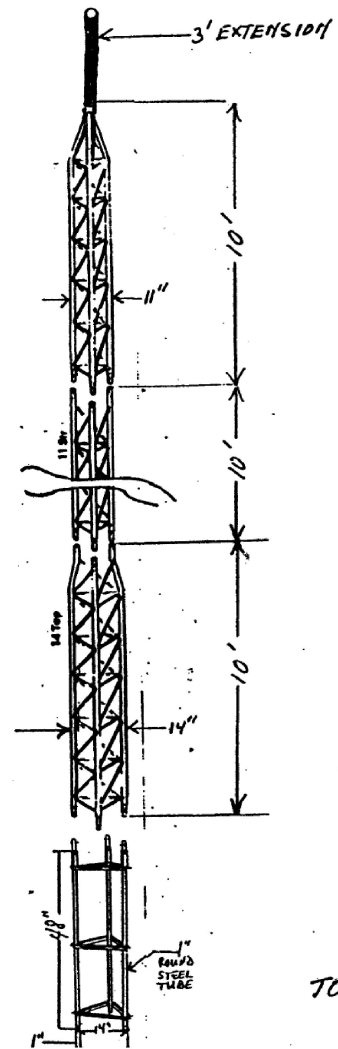
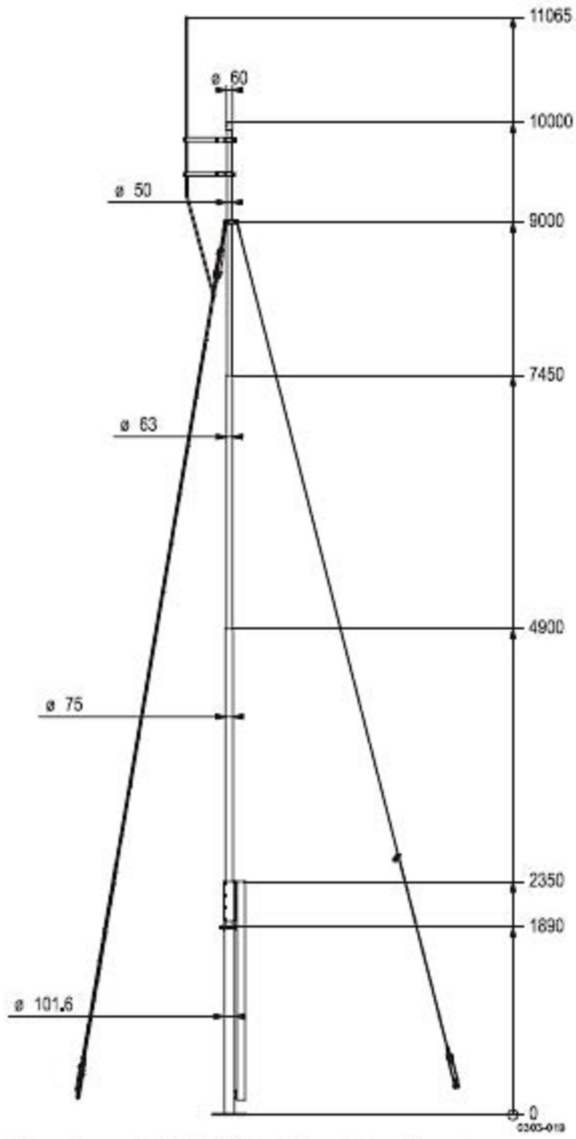
The manufacturer / supplier should provide in-depth training in hardware and software to at least 5 DHM staffs the installation, operation and maintenance of the system, and about all software aspects including source code, at the manufacturer's/Supplier's premises for a minimum period of 5 days.

Warranty and Maintenance:

The manufacturer should provide a free comprehensive warranty of at least one year after commissioning of the system in the field. The manufacturer should simultaneously take on the work of servicing and routine maintenance of field equipment once in six months. Reports of maintenance visits should be submitted. Analysis of the data quality with a co-located meteorological observatory, if available, should be submitted. Hand-held digital standards for pressure, air temperature, relative humidity should be compulsorily available with the firm and taken to the AWS sites by the maintenance party to compare and evaluate the data quality. Hand-held GPS should be carried to the sites to get the correct geographical coordinates of the sites.

Compliance and Non Compliance Statement:-

The tenderer shall submit a detailed item-wise compliance / non-compliance statement referring para-wise to the requirements given in this document, for quick evaluation of tender and for any future reference. The compliance statement shall be supported by original brochure(s) of the equipment or sub component from the manufacturer. In case the original brochure is silent on any part of tender specification, it shall be supported by an undertaking by the manufacturer, if claimed complied. The technical specifications and other requirements contained in this document are essentially required by the indenter. However, reasons for non-compliance, if any, for certain limited paras, or even sub-paras of the document may also be given by the tenderer. Silence on any part of the technical specification or failure / omission to provide any such details will be treated as non-compliance. All non-compliance of specifications, even of small nature, should be clearly broughtout.



A sample Design of wind mast

Section VI. General Conditions of Contract

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Table of Clauses

1.	Definitions	85
2.	Contract Documents	86
3.	Fraud and Corruption	86
4.	Interpretation	87
5.	Language.....	88
6.	Joint Venture, Consortium or Association	89
7.	Notices	89
8.	Governing Law.....	89
9.	Settlement of Disputes.....	89
10.	Scope of Supply	89
11.	Delivery	89
12.	Supplier's Responsibilities	90
13.	Purchaser's Responsibilities	90
14.	Contract Price.....	90
15.	Terms of Payment	90
16.	Taxes and Duties	90
17.	Performance Security	90
18.	Copyright	91
19.	Confidential Information	91
20.	Subcontracting.....	92
21.	Specifications and Standards	92
22.	Packing and Documents	93

23.	Insurance.....	93
24.	Transportation.....	93
25.	Inspections and Tests	93
26.	Liquidated Damages	94
27.	Warranty.....	95
28.	Patent Indemnity	95
29.	Limitation of Liability	96
30.	Change in Laws and Regulations	97
31.	Force Majeure	97
32.	Change Orders and Contract Amendments	98
33.	Extensions of Time	98
34.	Termination	99
35.	Assignment.....	100

Section VI. General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) “Contract” means the Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (b) “Contract Documents” means the documents listed in the Agreement, including any amendments thereto.
- (c) “Contract Price” means the price payable to the Supplier as specified in the Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.
- (d) “Day” means calendar day.
- (e) “Delivery” means the transfer of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in the Contract.
- (f) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (g) “GCC” means the General Conditions of Contract.
- (h) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (i) “Purchaser’s Country” is the country specified in the Special Conditions of Contract (SCC).
- (j) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the SCC.
- (k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other similar obligations of the Supplier under the Contract.
- (l) “SCC” means the Special Conditions of Contract.
- (m) “Subcontractor” means any natural person, private or government entity, or a combination of the above, including

its legal successors or permitted assigns, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(n) “Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Agreement, and includes the legal successors or permitted assigns of the Supplier.

(o) “GoN” means the Government of Nepal.

(p) “The Site,” where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory.

3. Fraud and Corruption

3.1 If the Purchaser determines that the Supplier has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Purchaser may, after giving 14 days notice to the Supplier, terminate the Supplier's employment under the Contract and the provisions of Clause 34.1 shall apply.

3.2 Without prejudice to any other rights of the Purchaser under this Contract, GoN may blacklist the Bidder/Supplier for its conduct up to three (3) years on the following grounds and seriousness of the act committed by the Bidder/Supplier:

(a) if it is established that the Supplier has committed substantial defect in implementation of the Contract or has or has not substantially fulfilled its obligations under the Contract

For the purposes of this Sub-Clause:

(i) “corrupt practice” is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

(ii) “fraudulent practice”⁴ is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

⁴ a “party” refers to a public official; the terms “benefit” and “obligation” relate to the procurement process or contract execution; and the “act or omission” is intended to influence the procurement process or contract execution.

- (iii) “collusive practice”⁵ is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- (iv) “coercive practice”⁶ is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- (v) “obstructive practice” is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a GON investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - (bb) acts intended to materially impede the exercise of the GON’s inspection and audit rights provided for under ITB Clause 3.5 and GCC Clause 25.

3.3 Without prejudice to any other rights of the Purchaser under this Contract, GoN may **blacklist** a Bidder/Supplier for its conduct for a period of one (1) to three (3) years on the following grounds and seriousness of the act committed by the bidder:

- (a) if it is established that the Supplier committed acts specified in ITB 3.2,
- (b) if it is established later that the Bidder has committed substantial defect in implementation of the contract or has not substantially fulfilled its obligations under the contract or the completed work is not of the specified quality as per the contract.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Incoterms

- (a) The meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Incoterms.

⁵ “parties” refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non competitive levels.

⁶ a “party” refers to a participant in the procurement process or contract execution.

- (b) EXW shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce at the date of the Invitation for Bids or as specified in the SCC.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Nonwaiver

- (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the SCC, in which case, for purposes of interpretation

of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. A bidder can submit only one bid either as a partner of the joint venture or individually. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Notices

7.1 Any Notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.

7.2 A Notice shall be effective when delivered or on the Notice’s effective date, whichever is later.

8. Governing Law

8.1 The Contract shall be governed by and interpreted in accordance with the laws of Nepal.

9. Settlement of Disputes

9.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

9.2 If the parties fail to resolve such a dispute or difference by mutual consultation within thirty (30) days from the commencement of such consultation, either party may require that the dispute be referred for resolution to the formal mechanisms specified in the SCC.

10. Scope of Supply

10.1 Subject to the SCC, the Goods and Related Services to be supplied shall be as specified in Section V, Schedule of Requirements.

10.2 Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Goods and Related Services as if such items were expressly mentioned in the Contract.

11. Delivery

11.1 Subject to GCC Sub-Clause 31.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Section V,

Schedule of Requirements. The details of documents to be furnished by the Supplier are specified in the SCC.

- 12. Supplier's Responsibilities**
- 12.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 10, and the Delivery and Completion Schedule, as per GCC Clause 11.
- 13. Purchaser's Responsibilities**
- 13.1 Whenever the supply of Goods and Related Services requires that the Supplier obtain permits, approvals, and import and other licenses from public authorities in Nepal, the Purchaser shall, if so required by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner.
- 13.2 The Purchaser shall pay all costs involved in the performance of its responsibilities, in accordance with GCC Sub-Clause 13.1.
- 14. Contract Price**
- 14.1 The Contract Price shall be as specified in the Agreement subject to any additions and adjustments thereto, or deductions there from, as may be made pursuant to the Contract.
- 14.2 Prices charged by the Supplier for the Goods delivered and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.
- 15. Terms of Payment**
- 15.1 The Contract Price shall be paid in Nepalese Currency.
- 15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 11 and upon fulfillment of all the obligations stipulated in the Contract.
- 15.3 Payments shall be made promptly by the Purchaser, no later than thirty (30) days after submission of an invoice or request for payment by the Supplier, and the Purchaser has accepted it.
- 16. Taxes and Duties**
- 16.1 For goods supplied, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser
- 17. Performance Security**
- 17.1 The Supplier shall, within fifteen (15) days of the receipt of notification of Contract award, provide a Performance Security for the due performance of the Contract in the amounts and currencies specified in the SCC.
- 17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the

Supplier's failure to complete its obligations under the Contract.

17.3 The Performance Security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Purchaser, and shall be in one of the forms stipulated by the Purchaser in the SCC, or in another form acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 19.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the Contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the design, procurement, or other work and services required for the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses 19.1 and 19.2 above, however, shall not apply to information that:

- (a) the Purchaser or Supplier need to share with the Donor for Donor funded project or other institutions participating in the financing of the Contract;

- (b) now or hereafter enters the public domain through no fault of that party;
- (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
- (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause 19 shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Subcontracting shall in no event relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

- (a) The Supplier shall ensure that the Goods and Related Services comply with the technical specifications and other provisions of the Contract.
- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) The Goods and Related Services supplied under this Contract shall conform to the standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the country of origin of the Goods.

21.2 Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the

edition or the revised version of such codes and standards shall be those specified in the Section V, Schedule of Requirements Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 32.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Goods and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured, in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, obligations for transportation of the Goods shall be in accordance with the Incoterms specified in Sections V, Schedule of Requirements.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in Sections V, Schedule of Requirements.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the final destination of the Goods, or in another place in Nepal as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including,

but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the Contract Price for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in the SCC. Once the maximum is reached, the Purchaser may terminate the Contract

pursuant to GCC Clause 34.

27. Warranty

- 27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 27.2 Subject to GCC Sub-Clause 21.1, the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in Nepal.
- 27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC.
- 27.4 The Purchaser shall give Notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 27.5 Upon receipt of such Notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

- 28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- (a) the installation of the Goods by the Supplier or the use

of the Goods in the country where the Site is located;
and

- (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within thirty (30) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of gross negligence or willful misconduct :

- (a) neither party shall be liable to the other party for any indirect or consequential loss or damage, loss of use,

loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and

- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort, or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify the Purchaser with respect to patent infringement.

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Nepal where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 14.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by

the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through Notice in accordance GCC Clause 7, to make changes within the general scope of the Contract in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
- (b) the method of shipment or packing;
- (c) the place of delivery; and
- (d) the Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery and Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its Subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 11, the Supplier shall promptly, and at least seven (7) days before the expiry of procurement contract, notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

34. Termination

34.1 Termination for Default

- (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by Notice of default sent to the Supplier, may terminate the Contract in whole or in part:
 - (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33; or
 - (ii) if the Supplier fails to perform any other obligation under the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.
- (c) if the Supplier, in the judgment of the Purchaser has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, as defined in GCC Clause 3, in competing for or in executing the Contract.

34.2 Termination for Insolvency

The Purchaser may at any time terminate the Contract by giving Notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.

34.3 Termination for Convenience

- (a) The Purchaser, by written Notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment

within seven (7) days after the Supplier's receipt of the Notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

- (i) To have any portion completed and delivered at the Contract terms and prices; and/or
- (ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section VII. Special Conditions of Contract

Section VII. Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(i)	The Purchaser's country is: <u>Nepal</u>
GCC 1.1(j)	The Purchaser is: <i>Department of Hydrology and Meteorology, Nepal</i>
GCC 1.1 (p)	The Site is: Biratnagar Airport, Morang and Kathmandu Airport, Kathmandu
GCC 4.2 (b)	The version of Incoterms shall be: <i>Incoterm 2000</i>
GCC 5.1	The language shall be: <u>English</u>
GCC 7.1	For <u>notices</u> , the Purchaser's address shall be: Name and Address of the Purchaser: <i>Department of Hydrology and Meteorology, P.O. Box 406, Babarmahal, Kathmandu, Nepal</i> Telephone number: +977-1-4255920 Facsimile number: +977-1-4254890 e-mail Address:
	For <u>notices</u> , the Suppliers's address shall be: <u><i>insert full name and address of Suppliers including telephone number, facsimile number and electronic mail address (if applicable)</i></u> Name and Address of the Supplier: Telephone number: Facsimile number: e-mail Address:

GCC 9.2	<p>The formal mechanism for the resolution of disputes shall be:</p> <p>A dispute of the procurement contract having contract price valuing up to one hundred million Rupees shall be resolved by the adjudicator and a dispute of the procurement contract having contract price more than that shall be resolved by a three-member dispute resolution committee.</p> <p>The adjudicator or dispute resolution committee shall deliver its decision within thirty days of submission of dispute before him/it stating the reasons and grounds for sustaining and not sustaining the claim of the concerned party.</p> <p>A party not satisfied with the decision shall start, within thirty days of such decision being made, the proceedings of resolving such dispute through arbitration.</p> <p>In the case of dispute between the Purchaser and the Supplier, the dispute shall be referred to arbitration in accordance with the rules of Nepal Council of Arbitration”</p>
GCC 10.1	<p>The Scope of Supply shall be defined in: “Section V, Schedule of Requirements”</p>
GCC 11.1	<p>All according to GCC 11.1</p> <p>Upon delivery of goods and completion of services, the Supplier shall notify the Purchaser and send the claims of bills and related documents to the Purchaser:</p> <p>The supplier should provide all the warranty certificates, softwares, software codes etc to purchaser.</p>
GCC 14.2	<p>The prices charged for the Goods delivered and the Related Services to be performed shall be fixed for the duration of the contract.</p>
GCC 15.1	<p>The terms of payment to be made to the Supplier under the contract shall be as follows:</p> <ol style="list-style-type: none"> 1. The payment shall be made: <ol style="list-style-type: none"> (a) through account section of the Purchaser
GCC 15.1	<ol style="list-style-type: none"> 2. Payments shall be made in Nepalese Rupees in the following manner: <ol style="list-style-type: none"> On Delivery, Installation and acceptance: One Hundred

	(100) percent. of the Contract Price of the Goods and related services delivered shall be paid within thirty (30) days of receipt of the Goods and completion of related services and upon submission of a claim supported by the documents specified in GCC 11.1
GCC 17.1	The Supplier shall provide a Performance Security of five (5) percent of the Contract Price. The amount of the Performance Security shall be in Nepalese Rupees, and shall be valid for the period of 365 days from date of completion of works of goods and related services.
GCC 17.3	The types of acceptable Performance Securities are: A bank guarantee issued by "A" class commercial bank located in Nepal in the format included in Section VIII, Contract Forms, Performance Security issued by foreign Bank must be counter – guaranteed by "A" class commercial Bank in Nepal.
GCC 17.4	Discharge of the Performance Security shall take place: After expiration of warranty period
GCC 22.2	<p>A complete packing list indicating the content of each package shall be enclosed in a water proof envelope and shall be secured to the outside of the packing case. In addition, each package shall be marked with indelible ink/paint in bold letters, as follows:</p> <ul style="list-style-type: none"> a. Contract number : b. Name and address of the Purchaser: c. Country of origin, d. Gross weight e. Net weight f. Package number of total number of packages g. Brief description of content] <p>Upright markings, where appropriate, shall be placed on all four vertical sides of the package.</p> <p>All materials used for packing shall be environmentally neutral.</p>
GCC 23.1	The insurance coverage shall be in an amount equal to 110 percent of the EXW price of the Goods from “warehouse” to “warehouse” on “All Risks” basis, including War Risks, riots and/or Strikes.

GCC 24.1	<p>Obligations for transportation of the Goods shall be in accordance with:</p> <p>Incoterm 2000</p> <p><i>The supplier is required under the contract to transport the Goods, Installation and commissioning to a specified place of final destination, defined as the project site, transport to such place of destination including insurance and storage, as shall be specified in the contract, shall be arranged by the supplier, and related costs shall be included in the contract price.</i></p>
GCC 25.2	<p>Tests and Inspections specified in Section V, Schedule of Requirements, shall be carried out at the following times or milestones, and places:</p> <p>Goods: all the goods</p> <p>Type of Test: Inspection and inter-comparision with reference instruments from Department of Hydrology and Meteorology, Nepal</p> <p>Time or Milestone: within 1 month of installation and commissioning of the system</p> <p>Place: <u>on installation site and web</u></p> <p>Address: Biratnagar airport, Morang and Kathmandu Airport, Kathmandu</p> <p>Country: Nepal</p>
GCC 26.1	<p>The applicable rate of liquidated damages shall be: <u>0.05 percent of the Contract Price per day.</u></p>
GCC 26.1	<p>The maximum amount of liquidated damages shall be: <i>ten (10) percent of the Contract Price.</i></p>
GCC 27.3	<p>The period of validity of the Warranty shall be: 365 days from date of delivery and completion of services.</p> <p>For the purposes of the Warranty, the place of final destination will be Biratnagar airport, Morang and Kathmandu Airport, Kathmandu Nepal</p>
GCC 27.5	<p>The Supplier shall correct any defects covered by the Warranty within: 2 months of being notified by the Purchaser of the occurrence of such defects</p>

Section VIII. Contract Forms

Table of Forms

Letter of Intent
Letter of Acceptance.....
Agreement Form
Performance Security
Advance Payment Security

Letter of Intent

[on letterhead paper of the Employer]

..... *date.*

Notes on Letter of Intent

The issuance of Letter of Intent is the information of the selection of the bid of the successful bidder by the Employer and for providing information to other unsuccessful bidders who participated in the bid as regards to the outcome of the procurement process. This standard form of Letter of Intent to Award should be filled in and sent to the successful Bidder only after evaluation and selection of substantially responsible lowest evaluated bid.

To: *name and address of the Contractor*

Subject: *Issuance of letter of intent to award the contract*

This is to notify you that, it is our intention to award the contract *dated* for execution of the *name of the contract and identification number, as given in the Contract Data/SCC* to you as your bid price *amount in figures and words in Nepalese Rupees* as corrected and modified in accordance with the Instructions to Bidders is hereby selected as substantially responsive lowest evaluated bid.

Authorized Signature:

Name:

Title:

CC:

[Insert name and address of all other Bidders, who submitted the bid]

Letter of Acceptance

[on letterhead paper of the Employer]

..... *date.*

To: *name and address of the Contractor*

Subject: *Notification of Award*

This is to notify that your Bid dated *date* for execution of the *name of the contract and identification number, as given in the Contract Data/SCC* for the Contract price of Nepalese Rupees [*insert amount in figures and words in Nepalese Rupees*], as corrected in accordance with the Instructions to Bidders is hereby accepted in accordance with the Instruction to Bidders.

You are hereby instructed to contract this office to sign the formal contract agreement within 15 days. As per the Conditions of Contract, you are also required to submit Performance Security, as specified in SCC, consisting of a Bank Guarantee in the format included in Section VIII (Contract Forms) of the Bidding Document.

The Employer shall forfeit the bid security, in case you fail to furnish the Performance Security and to sign the contract within specified period.

Authorized Signature:

Name and Title of Signatory:

Agreement Form

THIS AGREEMENT made on the [insert number] day of [insert month], [insert year], between *Department of Hydrology and Meteorology of Babarmahal, Kathmandu, Nepal* (hereinafter “the Purchaser”), of the one part, and [insert complete name of Supplier] of [insert complete address of Supplier] (hereinafter “the Supplier”), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and Related Services, viz., **Supply, Delivery and Installation of Automatic Weather Stations** and has accepted a Bid by the Supplier for the supply of those Goods and Related Services in the sum of NRs[insert amount of contract price in words and figures including taxes] (hereinafter “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) the Purchaser’s Notification to the Supplier of Award of Contract;
 - (b) the Bid Submission Form and the Price Schedules submitted by the Supplier;
 - (c) the Special Conditions of Contract;
 - (d) the General Conditions of Contract;
 - (e) the Schedule of Requirements; and
 - (f) **[indicate other documents required]**

This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

3. In consideration of the payments to be made by the Purchaser to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Related 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 Related 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 the laws of “Nepal” on the day, month, and year indicated above.

Signed by [insert authorized signature for the Purchaser] (for the Purchaser)

Signed by [insert authorized signature for the Supplier] (for the Supplier)

Performance Security

[insert complete name and number of Contract]

To: *Department of Hydrology and Meteorology, Babarmahal, Kathmandu, Nepal*

WHEREAS [insert complete name of Supplier] (hereinafter “the Supplier”) has received the notification of award for the execution of [insert identification number and name of contract] (hereinafter “the Contract”).

AND WHEREAS it has been stipulated by you in the aforementioned Contract that the Supplier shall furnish you with a security [insert type of security] issued by a reputable guarantor for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS the undersigned [insert complete name of Guarantor], legally domiciled in [insert complete address of Guarantor], (hereinafter the “Guarantor”), have agreed to give the Supplier a security:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [insert currency and amount of 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, without cavil or argument, any sum or sums within the limits of [insert currency and amount of guarantee in words and figures] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This security is valid until the [insert day, month, year].

Name: [insert complete name of person signing the Security]

In the capacity of: [insert legal capacity of person signing the Security]

Signed: [insert signature of person whose name and capacity are shown above]

Duly authorized to sign the security for and on behalf of: [insert seal and complete name of Guarantor]

Date: [insert date of signing]

Advance Payment Security

[insert complete name and number of Contract]

To: Department of Hydrology and Meteorology [insert complete name of Purchaser]

In accordance with the payment provision included in the Contract, in relation to advance payments, [insert complete name of Supplier] (hereinafter called “the Supplier”) shall deposit with the Purchaser a security consisting of [indicate type of security], to guarantee its proper and faithful performance of the obligations imposed by said Clause of the Contract, in the amount of [insert currency and amount of guarantee in words and figures].

We, the undersigned [insert complete name of Guarantor], legally domiciled in [insert full address of Guarantor] (hereinafter “the Guarantor”), 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 [insert currency and amount of guarantee in words and figures].

This security shall remain valid and in full effect from the date of the advance payment being received by the Supplier under the Contract until [(insert day, month, year) Contract completion date may be a basis for this date].

Name: [insert complete name of person signing the Security]

In the capacity of: [insert legal capacity of person signing the Security]

Signed: [insert signature of person whose name and capacity are shown above]

Duly authorized to sign the security for and on behalf of: [insert seal and complete name of Guarantor]

Date: [insert date of signing]