GUJARAT WATER RESOURCES DEVELOPMENT CORPORATION LIMITED (GWRDC)



E- TENDER DOCUMENT

FOR

PROCUREMENT OF VARIOUS TECHNICAL SOFTWARES

Geohydrologist, Ground Water Division No.1, Regional Data Processing Centre, Vasna Barrage Compound, Vasna Ahmedabad

Phone: (079) 26604027 Email: ghdvn1@gmail.com

NOTICE INVITING TENDERS

E - Tenders are invited by Geohydrologist, Ground Water Division No.1, Ahmedabad from authorized suppliers for the procurement of Various Technical Softwares

1 Name of Work: Procurement of Various Technical Softwares

The scope of services to be provided could be summarized as;

Sr No	Name of Software	Quntity in Nos.	Earnest Money Deposit (EMD) In Rs.	Tender Fee In Rs (Non refundable)
1	Rockworks 16	3	27500	
2	GMS 9.1 Groundwater Modeling System Latest Version	3	59500	
3	Upgradation of Visual Modflow Flex to 2013.1 with Hydrogeo Analyst-Latest version	1	10300	
4	ArcGIS Arc View Software	1	4900	-
5	ArcGIS 3D Analyst	1	6700	-
6	ArcGIS Spatial Analyst	1	6700	2400/-
7	Aquifer Test Pro 2012.1	3	8500	
8	WMS 9.1 Watershed Modeling System Latest Version	1	12000	
9	Global Mapper 14 Latest Version	3	2400	-
10	Upgradation of IDRISI from older version SELVA Latest version	1	2000	
11	Upgradation of Surfer 10 to Surfer 11 Latest Version	5	3200	1
12	Groundwater Vistas 6.0 Premium	3	27500	1

2 Earnest Money Deposit : Earnest Money Deposit Item wise as mentioned above should be in form of Demand Draft / Bank guarantee of any nationalized bank in favor of "Geohydrologist, Ground Water Division No.1, Ahmedabad payable at Ahmedabad. The bid security /EMD of the unsuccessful bidders will be returned after the award of the contract within 30 days time. Bidders, under any circumstances, will not be entitled to claim or receive interest/penalty/damages from Geohydrologist, Ground Water Division No.1, Ahmedabad on account of the Tender Fee, EMD, Bank Guarantee required to be submitted under this tender and the contract. No claim/dispute in this regard will be received or accepted. The above EMD amount will be held by Geohydrologist, Ground Water Division No.1, Ahmedabad till it is returned and will not earn any interest thereof.

- 3. Validity of Bid: 120 days from the last date of submission.
- 4. Tender On web site: Up to 18.00 Hrs Dt: 08/08/2013
- 5. Downloading of Tender Documents : From Dt. 30/07/2013 to 08/08/2013 up to 18.00 Hrs
- 6. Online submission of Tender: Up to 18.00 hrs. on Dt.08/08/2013

7. Submission of EMD, tender fee and other documents in Physical form:

- 1. Tender Fee is accepted in office of the Geohydrologist, Ground Water Division, No.1, Regional Data Processing Centre, Vasna Barrage Compound, Vasna, Ahmedabad -380007 up to date 30/07/2013 to 08/08/2013 at 17.00 hrs. Tender Fee (non-refundable) as indicated, can be submitted cash or in the form of Demand Draft of any Scheduled bank payable at Ahmedabad in favor of 'Geohydrologist, G.W.DivisionNo.1, Ahmedabad'
- **2.** EMD Bids must be accompanied by security of the amount specified for the work in the table payable at Ahmedabad and drawn in favour of The Geohydrologist,G.W. Division No. 1 Ahmedabad. Bid security will have to be in any one of the forms as specified in the bidding document and shall have to be valid for 45 days beyond the validity of the bid.
- 3. All relevant documents should be submitted in physical form up to 14-08-2013 up to 18.00 hrs.
- **8.** Opening of tenders (online): Price bid will be opened on 12.00 Hrs. Dt. 16/08/2013 at Head office Gujarat Water Resources Development Corp. Sector 10-A Near Bij Nigam Gandhingar.
- 9. Details: For more detail please contact at the office of the Geohydrologist, Ground Water Division No.1, Regional Data Processing Centre, Vasna Barrage Compound, Vasna, Ahmedabad 380007 Phone No.079 26604027 Email: ghdvn1@gmail.com
- **10. For Tender document down loading :** Tender documents are available on web site www.nprocure.com & https://nwr.nprocure.com

11 Qualification Criteria:

- 1. The bidder should have been in the business of Manufacturing and /or sale of the concerned software for which bids are invited for a minimum period of last 3 years.
- 2. The bidder should have sold an equivalent number of these softwares during the last Three years.
- 3. The software sold by the bidder should have been in a satisfactory working condition for a minimum period of two years
- 4. The bidder should produce documents of evidence in support of Point No.1. to 3 above. Such certification should be from an officer of the rank of not less than Superintending Engineer or equivalent post in case of Government office and not less than Managing Director in case of private Company.
- 5. Bids from authorized distributor / representatives of manufacturers / developers of the softwares are also acceptable, provided:

- The Manufacturer provides authorization in the format given in **Annexure-B** (manufacturers authorization form)
- The Manufacturer meets all requirements 1 to 4 above
- The bidder has experience in supply and maintenance of the type of software in any State of India.
- The bidder should provide copies of old purchase orders of clients who have procured the licenses of software (any version) in last 3 Years i.e. from March-2010 till now.
- Details of service centers and information of service support facilities available for warranty and AMC period shall be indicated.
- The firm should have the Geologist / Hydrogeologist to deliver the training and technical support.

Bids without information/ documents/ certificates in support of the Qualification criteria may be considered as Non-responsive.

Note:

- i) Earnest Money Deposit (E.M.D.) exemption certificate shall not be considered to anyone and every bidder shall have to submit EMD along with the offer.
- ii) **Geohydrologist, Ground Water Division No.1, Ahmedabad** reserves right to reject any or all tenders without assigning any reason thereof.

DETAILED TENDER NOTICE

E - Tenders are invited by Geohydrologist, Ground Water Division No.1, Ahmedabad from reputed manufacturers / dealers / suppliers for the procurement of Various Technical softwares.

1 Name of Work: Procurement of Various Technical softwares

The scope of services to be provided could be summarized as;

Sr No	Name of Software	Quntity in Nos.	Earnest Money Deposit (EMD) In Rs.	Tender Fee In Rs (Non refundable)
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7	Aquifer Test Pro 2012.1	3	8500	
8	WMS 9.1 Watershed Modeling System Latest Version	1	12000	
9	Global Mapper 14 Latest Version	3	2400	-
10	Upgradation of IDRISI from older version SELVA Latest version	1	2000	-
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12	Groundwater Vistas 6.0 Premium	3	27500	1

2 Earnest Money Deposit: Earnest Money Deposit Item wise as mentioned above should be in form of Demand Draft / Bank guarantee of any nationalized bank in favor of **Geohydrologist, Ground Water Division No.1, Ahmedabad** payable at **Ahmedabad** The bid security /EMD of the unsuccessful bidders will be returned after the award of the contract within 30 days time. Bidders, under any circumstances, will not be entitled to claim or receive interest/penalty/damages from **Geohydrologist, Ground Water Division No.1, Ahmedabad** on

account of the Tender Fee, EMD, Bank Guarantee required to be submitted under this tender and the contract. No claim/dispute in this regard will be received or accepted. The above EMD amount will be held by **Geohydrologist**, **Ground Water Division No.1**, **Ahmedabad** till it is returned and will not earn any interest thereof.

- 3. Validity of Bid: 120 days from the last date of submission.
- 4. Tender On web site: Up to 18.00 Hrs Dt: 08/08/2013
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 - **2.** EMD Bids must be accompanied by security of the amount specified for the work in the table payable at Ahmedabad and drawn in favour of The Geohydrologist,G.W. Division No. 1 Ahmedabad. Bid security will have to be in any one of the forms as specified in the bidding document and shall have to be valid for 45 days beyond the validity of the bid.
 - 3. All relevant documents should be submitted in physical form up to 14-08-2013 up to 18.00 hrs.
- **8. Opening of tenders (online) :** Price bid will be opened on **12.00 Hrs. Dt. 16/08/2013** at. Head office Gujarat Water Resources Development Corp. Sector 10-A Near Bij Nigam, Gandhingar.
- **9.Details:** For more detail please contact at the office of the Geohydrologist, Ground Water Division. No.1, Regional Data Processing Centre, Vasna Barrage Compound, Vasna, Ahmedabad -380007 Phone No.079 26604027 Email: ghdvn1@gmail.com
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- 2. The bidder should have sold an equivalent number of these softwares during the last Three years.
- 3. The software sold by the bidder should have been in a satisfactory working condition for a minimum period of two years
- 4. The bidder should produce documents of evidence in support of Point No.1. to 3 above. Such certification should be from an officer of the rank of not less than Superintending Engineer or equivalent post in case of Government office and not less than Managing Director in case of private Company.
- 5. Bids from authorized distributor / representatives of manufacturers / developers of the softwares are also acceptable, provided:

- 6. The Manufacturer provides authorization in the format given in **Annexure B** (manufacturers authorization form)
- 7. The Manufacturer meets all requirements 1 to 4 above
- 8. The bidder has experience in supply and maintenance of the type of software in any State of India. The bidder should provide copies of old purchase orders of clients who have procured the licenses of software (any version) in last 3 Years i.e. from March-2010 till now.
- 9. Details of service centers and information of service support facilities available for warranty and AMC period shall be indicated.
- 10. The firm should have the Geologist / Hydrologist to deliver the training and technical support.
 - a. Bids without information/ documents/ certificates in support of the Qualification criteria may be considered as Non-responsive.

Note:

- i) Earnest Money Deposit (E.M.D.) exemption certificate shall not be considered to anyone and every bidder shall have to submit EMD along with the offer.
- i i) **Geohydrologist,G.W.DivisionNo.1,Ahmedabad**' reserves right to reject any or all tenders without assigning any reason thereof.

SECTION (I): INSTRUCTIONS TO BIDDERS (ITB)

Name of Work:

Procurement of Various Technical softwares

1) SCOPE OF THE BID:

As per scope of work mentioned in Detailed Tender Notice.

2) ELIGIBLE BIDDERS:

As per Detailed Tender Notice.

3) QUALIFICATION OF BIDDER

- 1) To be eligible for award of the contract, the bidder shall provide satisfactory evidence to the Employer of their eligibility, capability and adequacy of resources to carry out the work / contract effectively. For the purpose of this, all bids submitted shall include the information in relevant formats as stated in ITB.
- 2) For the purpose of this contract, the bidder shall meet the qualifying criteria as mentioned in Detailed Tender Notice.
- **4) COST OF BIDDING:** The Bidder shall bear all costs associated with the preparation and submission of the Bid and the Employer will in no case be responsible and liable for those costs.

5) CONTRACTORS TO GET ACQUAINTED THEMSELVES FULLY:

The Bidder is advised to ensure the information that may be necessary for preparation of the bid. A declaration to this effect will have to be signed by the bidder in the format prescribed.

6) BIDDING DOCUMENT:

CONTENTS OF BID DOCUMENT:

The following documents shall be part of Contract -

- 1) Any modification or amendment issued by Employer prior to Bid submission date, along with documents submitted for prequalification.
- 2) Correspondence between the employer and bidder after opening the bid and prior to letter of acceptance.
- 3) Agreement on Stamp paper.
- 4) Letter of Acceptance & Work Order.
- 5) Tender Notice & Detailed Tender Notice.
- 6) Instructions to Bidders.
- 7) General Conditions of Contract.
- 8) Amendments to the Conditions of Contracts
- 9) Declaration of Contractor and Tender Form 'C'
- 10) Scope of Work.
- 11) Technical Specifications of the items.

7) CLARIFICATION OF BIDDING DOCUMENTS:

Bidders who had deposited Tender Fee have liberty to ask for any additional information or clarification either in writing or orally and the reply to the same will be given by the **Geohydrologist, Ground Water Division No.1, Ahmedabad** and the same will be published on official web site. This clarification referred to as Common Set of Deviations (CSD) and shall form part of Bid documents which will also be common and applicable to all Bidders. Common Set of Deviations issued if any by **Geohydrologist, Ground Water Division No.1, Ahmedabad** will form Part and parcel of the Bid Document.

8) AMENDMENTS TO BIDDING DOCUMENTS:

At any time prior to the deadline of submission of bid, the Employer may for any reason, whether at his own initiative or in response to the clarification requested by a prospective bidder, modify the bid document by issuance of addendum. The addendum will be uploaded on the web site. The bidder shall download the same from website and incorporate the same in the bid and will be binding on the bidders.

9) PREPERATION OF BID:

10) DOCUMENTS COMPRISING BID:

The bid to be prepared by bidder shall comprise of the form of bid and appendices thereto, the bid security, the information on eligibility and qualification. Relevant information and any other material required to be completed and submitted in accordance with the ITB embodied in bid document and standard contract document. The forms and data provided in this document shall be used without exception.

11) BID PRICES:

The bidder shall quote his offer as prescribed in Form of Bid, to be submitted as per procedure set in ITB.

- 1) The financial bid/ commercial bid as prescribed in Annexure -1 should be filled by the bidder in which the bidder has to quote total cost of the project, (all costs including capital and recurrent costs).
- 2) The price quoted by bidder shall include all the costs including all taxes, duties and such charges.
- 3) The rates and prices quoted by bidder shall be valid for the original contract period as well as during extensions for any increase in quantity if any.
- 4) The bidder has to quote the rates for any or all Items as mentioned in the bid documents.

12) CURRENCY OF BID AND PAYMENT:

All prices and rates quoted by the bidder shall be entirely in Indian Rupees only. All the payments shall be made in Indian Rupees only.

13) BID VALIDITY:

Validity of the bid shall be 120 working days and shall be reckoned from the last date of submission of bids and thereafter until it is withdrawn by notice in writing duly addressed to the authority

opening the bid. Such withdrawal before 120 working days shall effective from the date of receipt of notice by the Employer.

14) EARNEST MONEY DEPOSIT (BID SECURITY):

- 1) The Bidder shall furnish as a part of his bid an Earnest Money Deposit (EMD) as mentioned in detailed tender notice.
- 2) If EMD is not submitted within pre-scribed date, the bid will be rejected as non responsive.
- 3) Original EMD shall be submitted to Geohydrologist, Ground Water Division No.1, Ahmedabad between 30/07/2013 to 14/08/2013 up to 18.00 Hrs & copy of EMD shall be uploaded with the bid document by the bidder.
- 4) If after submitting the bid, the bidder withdraws his offer or modifies the same or if after acceptance of bid fails or neglects to furnish the performance security within prescribed time, without prejudice to any rights or powers of the Employer here under or in law, the Employer shall be entitled to forfeit the full amount of Earnest Money deposited by the bidder.
- 5) The amount of earnest money will be refunded without any interest to the unsuccessful bidders after the award of contract to the successful bidder.

15) SUBMISSION OF BIDS:

MANNER OF SUBMISSION OF TENDER AND ITS ACCOMPANIMENTS:

"The tender shall be submitted online only."

SECTION (II): BID OPENING AND EVALUATION

1) BID OPENING:

- 1) The bids will be opened online on prescribed date and time as per tender notice. The bidder/authorized representatives may remain present at the date, time and place stipulated in Detailed Tender Notice.
- 2) Following procedure will be adopted for opening of bids. Firstly information about number of bids received will be announced.
- 3) The bid document will be downloaded by the bid opening authority to check their validity as per requirements. The Employer will carry out the process of scrutiny and analysis of various documents/ data received. After analysis and scrutiny of the documents with respect to the requirements of the bidding is over, the Employer will open financial part of the bidders whose bid satisfies the qualification criteria.
- 6) Preliminary scrutiny will be made to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- 7) **Geohydrologist, Ground Water Division No.1, Ahmedabad** may waive any minor informality, nonconformity or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.
- 8) Prior to the detailed evaluation, **Geohydrologist**, **Ground Water Division No.1**, **Ahmedabad** will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations.
- 9) If a bid is not substantially responsive, it will be rejected by the **Geohydrologist**, **Ground Water Division No.1**, **Ahmedabad** and may not subsequently be made responsive by the bidder by correction of the nonconformity.

2. Clarification of bids

During evaluation of the bids, **Geohydrologist**, **Ground Water Division No.1**, **Ahmedabad** may, at its discretion, ask the bidder for clarification of its bid.

3. Evauation of Bids:

The bids are evaluated **Item wise** based on the documentary evidence submitted by the bidder for the fulfillment of Qualification criteria. The bidders who are qualified as per Qualification criteria will be evaluated financially. Bids not complying with the Qualification criteria will be considered as **Non responsive**.

4) BID LIABLE FOR REJECTION:

The bid is likely to be rejected if on opening it is found that

- a) The bidder has not strictly followed the procedure laid down for submission of bid.
- b) The bidder has proposed conditions, which are inconsistent with or contrary to the terms and conditions specified.

- c) Additions, corrections or alterations made by the bidder on any page of the bid document, without affixing signature / initials.
- d) Any page or pasted slips are missing.
- e) The bidder has not signed each page of the bid.
- f) The bidder has specified any additional condition.
- g) The bidder has not attached all documents as stated in ITB.

5) AWARD OF CONTRACT:

1) AWARD CRITERIA:

Subject to Clause 6, the Employer will award the contract to a bidder / bidders whose bid has been found to satisfy all the requirements of bid document and who is lowest responsive bidder.

6) DECIDING AWARD OF CONTRACT:

The process of decision and award of contract shall be as under:-

- a) Only bids that qualify the qualifying criteria as per detailed tender notice shall be considered for further evaluation. The decision of employer regarding the pre qualification and opening of bids shall be final and binding on all bidders.
- b) The Employer reserves the right to reject any or all offers received from the bidders without assigning any reasons.

7) EMPLOYERS RIGHT TO REJECT:

The Employer reserves the right to accept or reject any bid, to cancel the bid process and reject all the bids at any time prior to award of contract without thereby incurring any liability to the affected bidders or any obligation to inform affected bidders of the ground of Employer's action.

8) NOTIFICATION OF AWARD:

Prior to the expiration of bid validity period or any such extended period, Employer will notify the successful bidder in writing by a registered letter that his bid has been accepted. This letter (herein after called as letter of acceptance) shall name the sum, which the Employer will pay to bidder/operator as prescribed in contract. The notification of award will constitute formation of contract. Upon furnishing the performance security by the successful bidder & after signing the contract agreement, the work order will be issued by the **Geohydrologist**, **Ground Water Division No.1**, **Ahmedabad**

8) PERFORMANCE SECURITY:

- i) The successful bidder will be required to submit a performance Bank guarantee equivalent to 5% of the total accepted order value for before signing of agreement (SLA) in the form of a Bank Guarantee valid for valid up to 60 days after the date of completion of performance obligations including warranty obligations. Performance Guarantee must be submitted by successful bidder within 15 days of Issue of Letter of Intent (LOI) to him.
- ii) The performance security provided by the successful bidder in the form of a bank guarantee shall be issued by nationalized bank in India and acceptable to the Employer.

- iii) The performance security shall be valid for period of valid up to 60 days after the date of completion of performance obligations including warranty obligations. which shall be released after successful completion of contract.
- iv) Failure of the successful bidder to comply with the requirements of performance security shall constitute sufficient ground for cancellation of the award and forfeit of Earnest Money deposit.
- v) EMD amount will be returned to the successful bidder only after receipt of performance security.

11) CORRUPT OR FRAUDULENT PRACTICES:

Geohydrologist, G.W. Div No.1, Ahmedabad requires that the bidders shall observe the highest standards of ethics the execution of the contracts. In pursuant to this policy, Geohydrologist, G.W. Div No.1, Ahmedabad

- 1) Defines, for the purpose of this provision, term set forth as below: i) "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of the public official in the procurement process or contract execution; and
- ii) "Fraudulent Practice" means a misrepresentation of facts in order to influence a procurement process or execution of the contract to the detriment of the Employer.
- 2) Will reject a proposal for award, if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- 3) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded any contracts, if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing contracts.

SECTION (III): GENERAL CONDITIONS OF CONTRACT

1) **DEFINITIONS**:

Unless excluded by or repugnant to the context.

- 1) The expression, Geohydrologist, G.W. Div No.1, Ahmedabad as used in the tender papers shall mean Geohydrologist, Ground Water Division No.1, Ahmedabad and the competent authority shall be Geohydrologist, G.W. Div No.1, Ahmedabad
- 2) The expression Employer as used in the tender papers shall mean **Geohydrologist**, **G.W. Div. No.1**, **Ahmedabad**
- 3) The expression "Bidder" or "Tenderer" as used in the tender papers shall mean the agency/firm/organization who is interested to purchase the tender document and then would like to submit the offers as prospective bidder.
- 4) The "Contract" shall mean the agreement entered into between the owner and the contractor/operator as recorded in the contract form signed by the parties include all attachment the notice of tender, the sealed quotation and the tender documents including the tender and acceptance thereof together with the documents referred to therein, & the accepted conditions with annexure mentioned therein including any special conditions, specifications, designs, drawings, priced schedule. All these documents taken together shall be deemed to form one contract and shall be complementary to one another. Contract is deed of contract together with its entire accompaniment and those later incorporated in it by internal consent.
- 5) The "Contractor/Operator" shall mean the firm or company whether incorporated, undertaking the work & shall include legal representative of such an individual or persons comprising such firms or company as the case may be and permitted, assigns of such individual or firm or company.
- 6) "Specification" shall be means the specifications referred in the Annexure attached to the tender document.
- 7) The "Contract Sum"/"Contract Price" shall mean the sum for which the tender is accepted.
- 8) The "Accepting Authority" shall mean Geohydrologist, G.W.Div. No.1, Ahmedabad
- 9) Where the context so requires, words importing the singular only also include the plural and viceversa.
- 10) Heading and marginal notes, if any, to the general conditions shall not be deemed to form part thereof be taken into consideration in the interpretation of the contract.
- 11) The "Contract Period" means period specified in the tender document for entire execution of contracted works from the date of notification of award.
- 12) The "ITB" shall mean Section (I): Instructions to Bidders
- 13) The "MAF" shall mean Manufacturer Authorization Form.
- 14) Award of contract will be based on both financial and technical evaluation
- 15) The lowest responsive bidder will be awarded the contract.

2) COMMUNICATION

Written notice shall be deemed to have been duly served or delivered in person to the individual or member of the firm or to an officer of the **Geohydrologist**, **Ground Water Division No.1**, **Ahmedabad** for whom it was intended, if delivered at or sent by registered or certified mail to the last business address known to him who gives the notice. The notice on the Fax Message/E-Mail shall be deemed to have been duly served. The address given in the bidders tender on which all notices, letters & other communications to the contractor shall be mailed or delivered, except that

said address may be changed by the Contractor by notifying the owner in writing. This shall not preclude the service of any notice, letter or other communication upon the Contractor personally.

3) E.M.D. / Bid Security:

The bidder shall submit a demand draft of bid security as mentioned in detailed tender notice. Bid security submitted as above will be refunded to unsuccessful bidders after award of contract to successful bidder.

4) **SECURITIES**:

Performance Security: The successful bidder will be required to submit a performance Bank guarantee equivalent to 5% of the total accepted order value for Rs...... before signing of agreement in the form of a Bank Guarantee valid for valid up to 60 days after the date of completion of performance obligations including warranty obligations. Performance Guarantee must be submitted by successful bidder within 15 days of Issue of Letter of Acceptance to him. After successful completion of the contract and if there is no complaint about the operator, the security deposit amount of the operator will be returned to them after two months period by obtaining an Indemnity Bond.

5) LAWS AND REGULATIONS:

1) Governing Law: The contract shall be governed by and construed in accordance with the laws and by-laws of India, the State of Gujarat and the local bodies in this region. All disputes arising under or in relation to this agreement shall be subject to jurisdiction of the Courts in Gandhinagar only to the exclusion of other courts.

6. PAYMENT:

The terms of payment will be governed by terms of the Contract between the **Geohydrologist**, **G.W. Div. No.1**, **Ahmedabad** and the Contractor. Payment to the contractor shall be made strictly as per the terms of the Contract on Procurement of Various Technical softwares within 30 days after the receipt of valid request for payment with the certificate on satisfactory performance by Geohydrologist. The payments will be made in the following manner:

- i) 90% payment of the contract value after supply and installation of the Technical softwares.
- ii) 10 % payment after Training and satisfactory performance.

8. Assigning of Tender in Whole or Part:

Contractor shall not assign or make over the contract, the benefit or burden thereof to any other person or persons or body corporate. No under-letting or subletting to any persons or body of corporate for the execution of contract or any other part thereof is permitted, without the written consent of **Geohydrologist**, **G.W. Div. No.1**, **Ahmedabad**.

9. Penalty and Termination due to Non-Fulfillment of Contract:

a) Penalty for delay in execution of project:

If the supply, installation and commissioning of the systems is not completed in full within the stipulated period as prescribed in the implementation schedule, a penalty of Rs.2500/- per day will be collected per day during the first 30 days. Further, an additional Rs.1000/- per day will be charged beyond 30 days up to 90 days. If the installation and commissioning is not completed even within 90 days or 180 days as above, then contract will be liable for termination in part or whole at the discretion of **Geohydrologist**, **G.W. Div. No.1**, **Ahmedabad** at the risk and cost of the contractor.

b) Termination of contract for default:

Without prejudice to any other remedy available for the department for levying penalty or any other remedy, Contract will be liable for termination in part or whole if contractor fails to fulfill its any of the obligations under the contract.

10. Acceptance and Withdrawal:

- a. The final acceptance of the tender would be entirely vested with the Geohydrologist, G.W. Div. No.1, Ahmedabad, who reserves the right to accept or reject any tender, without assigning any reason whatsoever. There is no obligation on the part of Geohydrologist, G.W. Div. No.1, Ahmedabad to communicate in any way with rejected bidders. After acceptance of the tender by the Government, the Bidder shall have no right to withdraw his tender or claim higher price.
- **b.** Tenders with incomplete information are liable for rejection.
- **c.** For each category of qualification criteria, the documentary evidence is to be produced duly signed & sealed by the contractor, serially numbered and enclosed with respective bids. If the documentary proof is not enclosed for any/all criteria the Tender is liable for rejection.
- **d.** General: The Bidder has to submit an undertaking in the prescribed format in the technical bid that he accepts all the tender conditions and shall abide by the same fully.

11. Terms and Conditions of the contract:

- 1. The bidder should indicate a single rate applicable to all the Technical softwares irrespective of their location.
- 2. The rate should be consolidated rate based on the payment terms specified in the Tender document.
- 3. Bid Proposals with incomplete information or not in accordance with instructions or without EMD are liable to be rejected.
- 4. Competent Authority will have the right to inspect the centers of the bidder already in operation for verification purposes mentioned in the Technical Proposal.
- 5. The implementation schedule specified in the Contract shall be strictly adhered to.
- 6. The rate to be quoted must be including all the components mentioned in the Tender.
- 7. Insurance should be made for full value against theft, burglary, fire and natural calamity.
- 8. The bidder must produce the commissioning schedule within 15 days of signing of contract.
- 9 Bidder should produce a satisfactory installation and performance certificate issued by the competent authority at the place of installation.
- 10. **Geohydrologist, G.W. Div. No.1, Ahmedabad** shall have right to increase/decrease the number of **Technical softwares** and contract amount shall be increased or reduced accordingly.
- 11. Geohydrologist, G.W. Div. No.1, Ahmedabad may request for up gradation of systems if required.
- 12. **Delivery & Installation**: Delivery of Licensed Software with CD Media within 30 days from the date of confirmed purchase order. Free installation and 2 year maintenance support with Software updates & upgrades.

13. **Purchaser's Rights**: The Purchaser reserves the right to change any bid condition of any item even after inviting the bids, with/without prior notification. The Purchaser also reserves the right to accept/reject any or all the bids in whole or in part, without thereby incurring any liability to the affected bidder(s) or without any obligation to inform the affected bidder(s) of the grounds for such decision and annul the process without assigning any reason whatsoever and is not bound to accept the lowest rate.

14. Penalty Clause:

a) If the bidder fails to deliver the licensed software with CD Media within 30 days from the date of confirmed purchase order, then performance security will be forfeited resulting in cancellation of purchase order.

15. Warranty

The Supplier warrants that the Goods supplied under this Contract are new, with latest version and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all softwares supplied under this Contract shall have no defect arising from design, structure etc & are working satisfactory for all modules.

This warranty shall remain valid for 12 months after the Installation at the final destination indicated in the Contract .

The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall, within the period specified repair or replace the querries raised without cost to the Purchaser.

- 16. **Payment**: 100% payment within 15 days after delivery and successful installation of software at user end.
- 17. **Training**: Free training on installation and maintenance of software should be provided at user end.
- 18. **Compatibility**: The software should be compatible with Windows XP, Windows 7(32 & 64 Bit) & Windows 8 Operating System.
- 19. The Schedule of Requirements of VARIOUS TECHNICAL SOFTWARES are as follows

Sr No	Name of Software	Quantity in Nos.	Earnest Money Deposit	Delivery Schedule	Consignee & Nos.
			(EMD)		
			In Rs.		
1	Rockworks 16	3	27500	30 days from the Date of Contract signature at Purchaser's office	Geohydrologist Ground Water Division No.1,/2/3 Ahmedabad / Rajkot/ Deesa – 1 each
2	GMS 9.1 Groundwater Modeling System PREMIUM Package	3	59500	30 days from the Date of Contract signature at Purchaser's office	GeohydrologistGround Water Division No.1,/2/3 Ahmedabad / Rajkot/ Deesa – 1 each
3	Up gradation of Visual Modflow FLEX to 2013.1 with Hydrogeo Analyst – Latest Version	1	10300	30 days from the Date of Contract signature at Purchaser's office	Superintending Engineer, G.W.M.I. Circle, State Water Data Centre, Sector 8, Gandhingar
4	ArcGIS ArcView Software	1	4900	30 days from the Date of Contract signature at Purchaser's office	Head office G.W.R.D.C. Gandhingar
5	ArcGIS 3D Analyst	1	6700	30 days from the Date of Contract signature at Purchaser's office	Head office G.W.R.D.C. Gandhingar
6	ArcGIS Spatial Analyst	1	6700	30 days from the Date of Contract signature at Purchaser's office	Head office G.W.R.D.C. Gandhingar
7	Aquifer Test Pro 2012.1	3	8500	30 days from the Date of Contract signature at Purchaser's office	Geohydrologist, Ground Water Division No.1,/2/5 Ahmedabad / Rajkot/ Deesa – 1 each

8	WMS 9.1 Watershed Modeling System Premium Package	1	12000	30 days from the Date of Contract signature at Purchaser's office	Geohydrologist, Ground Water Division No.1, Ahmedabad
9	Global Mapper 14 (Latest Version)	3	2400	30 days from the Date of Contract signature at Purchaser's office	Geohydrologist, Ground Water Division No.1,/2/5 Ahmedabad / Rajkot/ Deesa – 1 each
10	IDRISI SELVA – up gradation to latest version	1	2000	30 days from the Date of Contract signature at Purchaser's office	GIS & Remote sensing cell, Superintending Engineer, G.W.M.I. Circle, State Water Data Centre, Sector 8, Gandhingar
11	Upgradation of Surfer – 10 to Surfer11 (Latest Version)	5	3200	30 days from the Date of Contract signature at Purchaser's office	Head Office, G.W.M.I.Circle Office, Geohydrologist,Grou nd Water Division No.1,/2/5 Ahmedabad / Rajkot/ Deesa – 1 each
12	Groundwater Vistas 3.0	3	27500	30 days from the Date of Contract signature at Purchaser's office	Geohydrologist, Ground Water Division No.1,/2/5 Ahmedabad / Rajkot/ Deesa – 1 each

Part-II

Incidental Services

- 1. Installing and Commissioning of the Supplied Softwares at each destination.
- 2. Furnishing detailed Operation and Maintenance manual
- 3. Training of 30 officials of GWRDC in Installations, operation, and maintenance of each of the Supplied equipment at the time of commissioning at each of the Consignee's premesis.
- 4. Troubleshooting.
- 5. 1 year of minimum warranty with full unlimited technical support after installation.

	Specifications and application of Software					
Sr No	Item	Application				
1	Rockworks 16	RockWorks is the standard software in the petroleum, environmental, geotechnical and mining industries for subsurface data visualization because of popular tools such as maps, logs, cross sections, fence diagrams, solid models and volumetrics. RockWorks offer numerous options for analyzing your subsurface data, and accepts many different				
		data types, such as stratigraphy, lithology, downhole data, fracture data and hydrology and aquifer data.				
		Professional Applications of RockWorks15 Include:				
		The Environmental Industry: Perform standard tasks such as creating contour maps and site maps. Do analysis of chemical data with piper/stiff diagrams The Mining Industry: Suited for use with coal, industrial mineral, and other strata bound economic deposits, in both the exploration and production phases.				
		Create surface geochem contour maps and three-dimensional terrain models.				
		Provides full volume and mass statistics for any ore body model.				
2	GMS 9.1 Groundwat er Modeling System PREMIUM Package	GMS is the most sophisticated and comprehensive groundwater modeling software available. PREMIUM Complete Package Includes following Modules o 3 D Grid Import & View o 3D Grid Edit & Save o Annotation Tools o MODFLOW Model o PEST Utility Single Core o Conceptual Model Tools o GIS Tools o MODPATH Model o Geostat o Scatter Data o Parallel PEST MultiCore				
		 Stochastic Modeling Subsurface Char SAMG Solver T-PROG, MODAEM, MT3DMS, RT3D SEAM3D, SEAWAT SEEP2D 3D FE MESH Tool FEMWATER Models 				
3	Visual Modflow	A Complete Groundwater Modeling System having (Basic and PRO Modules) With Visual MODFLOW Flex Premium you have a complete set of tools necessary for addressing water quality, groundwater supply, and source water protection initiatives.				
	FLEX Premium	Flexible Modeling Approaches: Visual MODFLOW Flex allows you to choose which modeling approach to use for building your groundwater models, having efficient conceptual modeling approach and the classical modeling approach.				
		Integrated 3D Conceptual and Numerical Groundwater Modeling VMP Flex provides a seamless transition from raw data through conceptualization to the numerical model all				

	T	
		within a single intuitive modeling environment.
		Efficiently Manage Multiple Models: Most modeling projects involve several scenarios/versions, e.g., steady-state Vs transient, different properties, inputs, grid types, etc. Visual MODFLOW Flex allows you to assess uncertainty and improve model credibility through comparisons & analysis of multiple modeling scenarios - all within a single project.
		Powerful Data Visualization : Built and designed on the latest in 3D visualization technology, it allows effectively present data for hydrogeologic model.
		Full GIS Integration: Easily construct your grid-independent hydrogeologic conceptual model in minutes using your existing GIS data sets.
4	ArcGIS	ArcView is geographic information system (GIS) software for
	ArcView Software	visualizing, managing, creating, and analyzing geographic data. Using ArcView, you can understand the geographic context of your data, allowing you to see relationships and identify patterns in new ways.
		With ArcView, you can
		 Author maps and interact with your data by generating reports and charts & printing and embedding your maps in other documents and applications. Save time using map templates to create consistent style in your maps. Build process models, scripts, workflows to visualize & analyze your data. Read, import, and manage more than 70 different data types and formats including demographics, facilities, CAD drawings, imagery, Web services, multimedia, and metadata.
		 Communicate more efficiently by printing, publishing, and sharing your GIS data and dynamic content with others.
5	ArcGIS 3D Analyst	Use existing 2D GIS datasets to create 3D scenarios that can be stored, viewed, and edited in 2D or 3D. You can use attributes, such as elevation, to display the data at a present height; or use attributes to extrude the data.
		Visualize: Seeing and interacting with geospatial data in 3D drives insights that just aren't possible in 2D. Visualize raster, vector, and lidar data for 3D feature, terrain, subsurface, and volumetric views.
		Manage: Maintain 3D data within a 3D context. All the standard ArcMap editing options—undo, redo, edit templates, etc.—are supported, as is the classic snapping environment.
		On-the-fly-editing allows you to explore different scenarios, so concepts can be quickly viewed in 3D, evaluated, and refined.
		Analyze: Analyze GIS data in true 3D space to save valuable time and cost. Geoprocessing tools give you the ability to perform complex surface, volumetric, and visibility analyses that can include time.
		Share: Help decision makers and influencers better understand your work by sharing it in a realistic 3D perspective.
		Capture hi-res screenshots and post them, e-mail, or print for presentations.
		Export video animations. Post on ArcGIS.com, other web services, or your website for others to access.

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tools f your thods
deling
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		 Rational Method Model MODRAT Model OC Rational Model OC Hydrograph Model HSPF Model Hydraulic/RiverModelin HEC-RAS Model Intg. SMPDBK Model Storm Drain Modeling HY-12 Storm Drain EPA-SWMM Model XP-SWMM Support 2D Grid Tool ModClark Model GSSHA Model CE-QUAL-W2 Model
9	Global Mapper 14	Global Mapper is more than just a utility; it has built in functionality for distance and area calculations, raster blending, feathering, spectral analysis and contrast adjustment, elevation querying, line of sight calculations, cut and- fill volume calculations, as well as advanced capabilities like image rectification, contour generation from surface data, view shed analysis (including Fresnel) from surface data, watershed delineation.
10	IDRISI	IDRISI Selva is an integrated GIS and Image Processing software solution providing
	SELVA	nearly 300 modules for the analysis and display of digital spatial information. IDRISI
		offers the most extensive set of GIS and Image Processing tools in the industry in a
		single, affordable package.
		IDRISI Selva provides:
		☆ A complete GIS analysis package for basic and advanced spatial analysis,
		including tools for surface and statistical analysis, decision support, and
		change and time series analysis
		∀ A complete Image Processing system with the most extensive hard and soft
		classifers in the industry, including machine learning classifiers such as
		neural networks and classification tree analysis, as well as image
		segmentation for classification
		∀ Integrated modeling environments including the Earth Trends Modeler for
		image time series of environmental trends and Land Change Modeler for
		land change analysis and prediction, a critical component for REDD projects
		GIS Analysis: IDRISI includes a range of tools for the analysis and manipulation of spatial
		data. With IDRISI, you can query and explore your raster data, derive new data layers,
		evaluate and measure spatial relationships, and identify patterns and trends.

11	Surfer11	 Database query and overlay analysis. Derivative mapping with mathematical and relational modeling. Distance and context operations to analyze interactions over space. Standard and advanced spatial statistics. Surface analysis tools including interpolation and hydrological modeling routines Change and time series procedures to measure change at local and global scales Image Processing: IDRISI provides a complete suite of image processing tools, including the widest range of classification techniques in the industry, for both multispectral and hyperspectral remotely sensed imagery. All major imagery formats are accommodated. Preprocessing tools for noise and distortion removal, data transformation and full georeferencing. Visual and data enhancement tools, including digital filters, color compositing, pan sharpening and others. Unsupervised and supervised classification techniques including innovative "soft" classifier support. New Features in the column on the left for details about the new features, including
	Surier i	Unicode support for international alphabets, watershed calculation, labeling data and map attributes, interactive map profiles, measuring distance and bearing, polyline to polygon conversion, XLSX support, import and export new file formats including vector GeoPDF, and more. Surfer is a contouring and 3D surface mapping software program that runs under Microsoft Windows. The Surfer software quickly and easily converts your data into outstanding contour, surface, wireframe, vector, image, shaded relief, and post maps. Virtually all aspects of your maps can be customized to produce exactly the presentation you want using Surfer's software tools. Producing publication quality maps has never been quicker or easier.
12	Groundwat er Vistas 3.0	 Displays both plan & cross-sectional views Run all supported models from within GV Numerous built in graphical outputs Integration with ArcView and EQuIS Supports MODFLOW2000, MT3D99, GFLOW, MODPATH 3.2, MT3DMS, RT3D, PATH3D, MODFLOWT, and MODFLOW-SURFACT Automatic Calibration procedure and supports PEST ASP and UCODE model-independent calibration software Supports Brute Force, MODOFC, REMAX Optimization Models Imports existing MODFLOW, ModelCad and FLOWPATH files Imports data from SURFER and ASCII files Export results to SURFER, Slicer, DXF, BMP, WMF, Earth Vision, EVS, Tecplot, ArcView and ASCII files

Annexure-A

Financial Bid Sr Quantity Unit Service Central Total Item No in Nos. Price in Tax Sales amount Rs. Tax in Rs. Rockworks 16 3 3 GMS 9.1 Groundwater Modeling System Latest Version Upgradation of Visual Modflow 1 Flex to 2013.1 with Hydrogeo Analist-Latest version ArcGIS ArcView Software 1 ArcGIS 3D Analyst 1 ArcGIS Spatial Analyst 6 1 Aquifer Test Pro 2012.1 3 WMS 9.1 Watershed Modeling 1 System Latest Version Global Mapper 14 Latest 3 Version Upgradation of IDRISI from 1 older version SELVA Latest version Upgradation of Surfer 10 to 5 Surfer 11 Latest Version Groundwater Vistas 6.0 3 12 Premium

Rupees (In words):

Total

Annexure-B

Authorization Letter from Manufacturer / developer

Date :
To,
Geohydrologist,
Ground Water Division No.1
Gujarat Water Resources Dev.Corp.Ltd.
Regional Data Processing Centre,
Vasna Barrage Compound,
VASNA, AHMEDABAD – 380007
GUJARAT - INDIA
Subject : Regarding ProvidingSoftware
Sir,
We M/s. [Manuf./Develo. Vendor Name], who are official manufactures/OEM vendors of
software products, do hereby authorize M/s. [Bidder's Company name] to submit a bid for the purpose of providing Software.
We also herewith certify that, we will technically support this software product, offered
by the above firm.
Thanking you,
Yours Sincerely,
(Sign & Stamp)
Signed by the Manufacturer/OEM Vendor
Mention Name & Designation of Signee

Annexure-C

Authorization Letter from Manufacturer/Developer - For Partner

Date :	
_	
To,	
Geohydrologist,	
Ground Water Division No.1	
Gujarat Water Resources Dev.Corp.Ltd.	
Regional Data Processing Centre,	
Vasna Barrage Compound,	
VASNA, AHMEDABAD – 380007	
GUJARAT - INDIA	
Subject : Regarding Providing	Software
Sir,	
We M/s. [Manuf./Develop. Vendor Name], who are official manufared products, do hereby certify that the M/s. [Bit Company name] is our channel partner for supply of authorize them to submit a bid for the purpose of providing Software.	dding Partner's
We also herewith certify that, we will technically support this softwa	re product, offered by our
above partner.	
Thanking you,	
Yours Sincerely,	
(Sign & Stamp)	
Signed by the Manufacturer/OEM Vendor	
Mention Name & Designation of Signee	

Annexure-D

BID SECURITY FORM

(date	of subn					
count bound (herei truly t	ry), hav d unto (inafter (to be m	EOPLE by these presents that WE				
THE C	ONDITI	ONS of this obligation are:				
1.	If the I	Bidder				
	(a)	withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or				
	(b)	does not accept the correction of errors in accordance with the ITB; or				
2.		the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of divalidity:				
	(a)	fails or refuses to execute the Contract Form if required; or				
	(b)	fails or refuses to furnish the performance security, in accordance with the Instruction to Bidders;				
witho note	ut the I that th	te to pay the Purchaser up to the above amount upon receipt of its first written demand, Purchaser having to substantiate its demand, provided that in its demand the Purchaser will e amount claimed by it is due to it, owing to the occurrence of one or both of the two pecifying the occurred condition or conditions.				
_		ee will remain in force up to and including forty five (45) days after the period of the bid any demand in respect thereof should reach the Bank not later than the above date.				
		(Circulations of the Develo				
		(Signature of the Bank)				

¹ Name of Bidder

Annexure-E

PERFORMANCE SECURITY FORM

To: Geohydrologist, Ground Water Division No.	.1, Ahmedabad (Name of Purchaser)
WHEREAS	(Name of Supplier)
• •	en , in pursuance of Contract (Notification of Award)(Description of ntract".
	n the said Contract that the Supplier shall furnish you with a um specified therein as security for compliance with the ace with the Contract.
AND WHEREAS we have agreed to give the Sup	oplier a Guarantee:
up to a total of	rantors and responsible to you, on behalf of the Supplier,
This guarantee is valid until theday of	20
	Signature and Seal of Guarantors
	Date20
	Address:

Annexure-F

CONTRACT FORM

THIS AGREEMENT made theday of......, 20... Between Geohydrologist, Ground

the o	er Din.1, (Name of purchaser) of India (Country of Purchaser) (hereinafter called "the Purchaser") of one part and(Name of Supplier) of(City and Country of Supplier) einafter called "the Supplier") of the other part:
Suppl Word	REAS the Purchaser is desirous that certain Softwares and ancillary services viz.,
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
Agree	ement, viz.:
	(a) Invitation For Bids (IFB)
	(b) Qualification / Eligibility Criteria for the bidder:
	(c) the Schedule of Requirements;
	(c) the Technical Specifications;
	(d) the Terms & Conditions for Providing Licenced Software
3.	In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4.	The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by

Brief particulars of the goods and services which shall be supplied/provided by the Supplier are as

the Contract.

under:

SL.	BRIEF DESCRIPTION OF	QUANTITY TO	UNIT PRICE	Total Price	DELIVERY TERMS
NO.	GOODS & SERVICES	BE SUPPLY			

TO	TA	L١	VΑ	١L	U	E	•
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DELIVERY SCHEDULE:

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

Signed, Sealed and Delivered by the
said (For the Purchaser)
in the presence of:
Signed, Sealed and Delivered by the
said (For the Supplier)
in the presence of: