INSTITUTIONAL DEVELOPMENT PLAN
National Agricultural Higher Education Project
Sri Karan Narendra Agriculture University
Jobner-303339, Distt. Jaipur (Rajasthan)
Phone: 01425-254022; Email ID: pi.nahep@sknau.ac.in

No: SKNAU/NAHEP/Proc./2020-21/ 257-264
Activity No.: IN-SKNAU-JOBNER-178777-CW-RFQ/ Digging of low-cost rain harvesting structure and installation of plastic lining.

To,

PROSPECTIVE SUPPLIERS

SUBJECT: RE-INVITATION FOR QUOTATIONS FOR WORK OF DIGGING OF LOW-COST RAIN WATER HARVESTING STRUCTURE AT SKNCOA, JOBNER AND COA, LALSOT

Dear Sir,

1. You are invited to submit your most competitive quotation for the following works:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Brief Description of the Works</th>
<th>Approximate value of Works (Rs.) (Lakhs)</th>
<th>Period of Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Digging of low cost rain water harvesting structure at SKNCOA, Jobner</td>
<td>20.00</td>
<td>45 Days</td>
</tr>
<tr>
<td>2</td>
<td>Digging of low cost rain water harvesting structure at COA, Lalsot</td>
<td>15.00</td>
<td>45 Days</td>
</tr>
<tr>
<td>3</td>
<td>Supply and installation of pond liner sheet at COA, Lalsot</td>
<td>05.00</td>
<td>30 Days</td>
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2. Government of India has received a financing from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this Loan to eligible payments under the contract for which this invitation for quotations is issued.

3. To assist you in the preparation of your quotation, we are enclosing the following:
   i. Detailed Bill of Quantities, with estimated rates and prices;
   ii. Instructions to Bidders (in two sections).
   iii. Draft Contract Agreement format which will be used for finalizing the agreement for this Contract.

4. You are requested to provide your offer latest by 12:00 PM on 03/03/2021.

5. Quotations will be opened in the presence of Bidders or their representatives who choose to attend at 02.30 PM on 03/03/2021 in the Office of IDP-NAHEP, SKNAU, Jobner.

6. We look forward to receiving your quotations and thank you for your interest in this project.

PI, IDP-NAHEP
Sri Karan Narendra Agriculture University,
Jobner-Jaipur
INSTRUCTIONS TO BIDDERS

SECTION – A

1. Scope of Works

The Principal Investigator, IDP-NAHEP, SKNAU Jobner invites quotations for the works as detailed in the table given below:

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</tr>
</tbody>
</table>

The successful bidder will be expected to complete the works by the intended completion date specified above.

2. Qualification of the bidder: The bidder shall provide qualification information which shall include:

   a. Total monetary value of construction works performed for each year of the last 3 years (i.e. FY 2017-18, 2018-19 and 2019-20)

   b. Income tax clearance certificate from the concerned IT circle;

   c. Report on his financial standing (Balance sheet); and

   d. Details of any litigation, current or during the last 3 years in which the bidder is involved, the parties concerned and disputed amount in each case.

3. To qualify for award of the contract the bidder:

   a. should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 5,00,000.00 in the last three years;

   b. should possess valid electrical license for executing building electrification works (in the event of the works being sub-contracted, the sub-contractor should have the necessary license);

   c. should possess required valid license for executing the water supply/sanitary works (in the event of the works being sub-contracted, the sub-contractor should have the necessary license);

4. Bid Price

   a. The contract shall be for the whole works as described in the Bill of quantities, drawings
and technical specifications. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

b. All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.

c. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

d. The rates should be quoted in Indian Rupees only.

5. Submission of Quotations

5.1. The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation.

5.2. The bidder will submit separate quotation for each work mentioned at Sr. No. 1, Sr. No. 2 and Sr. No. 3 in the table given at point no. 1 i.e., scope of work.

5.3. The quotation submitted by the bidder shall comprise the following: -

   a. Quotation (separate for each work) in the format given in Section B.

   b. Signed Bill of Quantities (Annexure I-A, Annexure I-B and Annexure I-C); and

   c. Qualification information form given in Section B duly completed.

5.4. The bidder shall seal the quotation in an envelope addressed to the Principal Investigator, IDP-NAHEP, SKNAU, Jobner. The envelope will also bear the following identification:

   • Quotation for “Digging of low-cost rain harvesting structure and installation of plastic lining”.
   • Do not open before 02.30 PM on 03/03/2021.

5.5. Quotations must be received in the office of IDP-NAHEP, SKNAU, Jobner not later than the time and date given in the letter of invitation. If the specified date is declared a holiday, quotations shall be received up to the appointed time on the next working day.

5.6. Any quotation received after the deadline for submission of quotations will be rejected and returned unopened to the bidder.

6. Validity of Quotation

Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.

7. Opening of Quotations

Quotations will be opened in the presence of bidders or their representatives who choose to attend on the date and time and at the place specified in the letter of invitation.
8. Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.

9. **Evaluation of Quotations**

The Employer will evaluate and compare the quotations determined to be substantially responsive i.e. which

a. *The quotations submitted will be evaluated separately for each work;*

b. meet the qualification criteria specified in clause 3 above;

c. are properly signed; and

d. conform to the terms and conditions, specifications and drawings without material deviations.

10. **Award of contract**

The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.

10.1. Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

10.2. The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.

11. **Performance Security**

Within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the **PI, IDP-NAHEP, SKNAU, Jobner** the performance security (bank draft in favor of the Employer) for an amount equivalent of 3% of the contract price. The Performance Security shall be valid till the expiry of the period of maintenance of the work, specified in clause 12.

12. **Period of Maintenance:**

The “Period of Maintenance” for the work is six months from the date of taking over possession or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

13. Purchase of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor.
SECTION - B

1. Format for Qualification Information.

2. Format for Submission of Quotation.

**QUALIFICATION INFORMATION**

1 For Individual Bidders

1.1 Principal place of business:

Power of attorney of signatory of Quotation.  
*Attach copy*

1.2 Total value of Civil Engineering  
construction work performed in the last three years (in Rs. Lakhs)  

<table>
<thead>
<tr>
<th>Year</th>
<th>Value of contract (Rs. Lakhs)</th>
<th>Remarks explaining reasons for delay and work completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017-18</td>
<td>2018-19</td>
<td></td>
</tr>
<tr>
<td>2019-20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.3 Work performed as prime contractor (in the same name) on works of a similar nature over the last three years.

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Name of Employer</th>
<th>Description of work</th>
<th>Contract No.</th>
<th>Value of contract (Rs. Lakhs)</th>
<th>Date of issue of work order</th>
<th>Stipulated period of completion</th>
<th>Actual date of completion</th>
<th>Remarks</th>
</tr>
</thead>
</table>

Existing commitments and on-going works:

<table>
<thead>
<tr>
<th>Description of Work</th>
<th>Place &amp; State</th>
<th>Contract No. &amp; Date</th>
<th>Value of Contract (Rs. Lakh)</th>
<th>Stipulated period of completion</th>
<th>Value of works* remaining to be completed (Rs. Lakhs)</th>
<th>Anticipated date of completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
<td>(4)</td>
<td>(5)</td>
<td>(6)</td>
<td>(7)</td>
</tr>
</tbody>
</table>

* Enclose a certificate from Engineer concerned.
1.4 Proposed subcontracts and firms involved.

<table>
<thead>
<tr>
<th>Sections of the works</th>
<th>Value of Sub-contract</th>
<th>Sub-contractor (name &amp; address)</th>
<th>Experience in similar work</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
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<td>*</td>
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<td>*</td>
</tr>
</tbody>
</table>

1.5 Evidence of access to financial resources to meet the requirements of working capital: cash in hand, lines of credit, etc. List them below and attach copies of support documents.

1.6 Name, address, and telephone, telex, and fax numbers of the Bidders’ bankers who may provide references if contacted by the Employer.

1.7 Information on litigation history in which the Bidder is involved.

<table>
<thead>
<tr>
<th>Other party(ies)</th>
<th>Employer</th>
<th>Cause of dispute</th>
<th>Amount involved</th>
<th>Remarks showing present status</th>
</tr>
</thead>
</table>


QUOTATION I

Description of the Works: Digging of low cost rain water harvesting structure at SKNCOA, Jobner

To:

The Principal Investigator
IDP-NAHEP, SKNAU, Jobner

Subject: Digging of low cost rain water harvesting structure at SKNCOA, Jobner.

Reference: Letter No. ........................................... dated.................. from....................

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at.................. percentage above / below the estimated rates, i.e., for a total Contract Price of -

Rs. ** .......................................................................................................................... [in figures]

Rs. ............................................................................................................................. [in words]

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby confirm that this quotation is valid for 60 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature : ___________________________ Date: ______________

Name & Title of Signatory : ___________________________

Name of Bidder : ___________________________

Address : ___________________________

**To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.
QUOTATION II

Description of the Works: Digging of low cost rain water harvesting structure at COA, Lalsot

To:

The Principal Investigator
IDP-NAHEP, SKNAU, Jobner

Subject: Digging of low cost rain water harvesting structure at COA, Lalsot.

Reference: Letter No. ......................... dated........................ from......................

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at..................percentage above / below the estimated rates, i.e., for a total Contract Price of-

Rs. ** ................................................................. [in figures]

Rs. ................................................................. [in words]

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby confirm that this quotation is valid for 60 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature : __________________________ Date: _____________

Name & Title of Signatory : ____________________________________________

Name of Bidder : __________________________

Address : ____________________________________________________________

**To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.
QUOTATION III

Description of the Works: Supply and installation of pond liner sheet at COA, Lalsot

To:

The Principal Investigator
IDP-NAHEP, SKNAU, Jobner

Subject: Supply and installation of pond liner sheet at COA, Lalsot.

Reference: Letter No. ......................... dated .................. from ..................

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at ................ per Sqm., i.e., for a total Contract Price of -

Rs. ** ........................................................................ [in figures]

Rs. ............................................................................... [in words]

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby confirm that this quotation is valid for 60 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature : ___________________________ Date: ______________

Name & Title of Signatory : ___________________________________________

Name of Bidder : ___________________________________________________

Address : ___________________________________________________________

**To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.
LETTER OF ACCEPTANCE  
CUM NOTICE TO PROCEED WITH THE WORK  

(LETTERHEAD OF THE EMPLOYER)

Dated: ____________________________

To: ______________________________________ [Name and address of the Contractor]

Dear Sirs,

This is to notify you that your Quotation dated ________________________ for execution of the ________________________ for the contract price of Rupees ________________________ [amount in words and figures], is hereby accepted by us.

You are hereby requested to furnish performance security for an amount of Rs. ________________________ (equivalent to 3% of the contract price) within 15 days of the receipt of the letter. The Performance Security in the form of Bank guarantee or a Bank draft in favour of _________________(Employer) shall be valid till the expiry of the period of maintenance i.e. upto ________________________. Failure to furnish the Performance Security will entail cancellation of the award of contract.

You are also requested to sign the agreement form and proceed with the work not later than ________________________ under the instructions of the Engineer, ________________________ and ensure its completion within the contract period.

With the issuance of this acceptance letter and your furnishing the Performance Security, contract for the above said work stands concluded.

Yours faithfully,

Authorized Signature
Name and title of Signatory
Draft Agreement form for
Construction through National Shopping

ARTICLES OF AGREEMENT

This deed of agreement is made in the form of agreement on ______ day
_______ month _______ 199____, between the
________________________ (Employer) or his authorized representative (hereinafter
referred to as the first party) and __________________________ (Name of the Contractor), S/O
_________________ resident of _____________ (hereinafter referred to as the second party),
to execute the work of construction of __________________________ (hereinafter referred to
as works) on the following terms and conditions.

2. Cost of the Contract

The total cost of the works (hereinafter referred to as the “total cost”) is Rs. _____ as
reflected in Annexure - 1.

3.1 Payments under its contract:

Payments to the second party for the construction work will be released by the first
party in the following manner :-

<table>
<thead>
<tr>
<th>50% of work done</th>
<th>50% of Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>On completion of work</td>
<td>40% of Total Cost</td>
</tr>
<tr>
<td>Handover of the work</td>
<td>10% of Total Cost</td>
</tr>
</tbody>
</table>

3.2 Payments at each stage will be made by the first party :

(a) on the second party submitting an invoice for an equivalent amount ;

(b) on certification of the invoice (except for the first installment) by the engineer
nominated by the first party with respect to quality of works in the format in
Annexure - 2; and

(c) upon proper and justified utilization of at least 50 % of the previous installment
and 100 % of any prior installment.
4. **Notice by Contractor to Engineer**

The second party, on the works reaching each stage of construction, issue a notice to the first party or the Engineer nominated by the first party (who is responsible for supervising the contractor, administering the contract, certifying the payments due to the contractor, issuing and valuing variations to the contract, awarding extensions of time etc.), to visit the site for certification of stage completion. Within 15 days of the receipt of such notice, the first party or the engineer nominated by it, will ensure issue of stage completion certificate after due verification.

5. **Completion time**

The works should be completed in ______day(s) (months/weeks/days) from the date of this Agreement. In exceptional circumstances, the time period stated in this clause may be extended in writing by mutual consent of both the parties.

6. If any of the compensation events mentioned below would prevent the work being completed by the intended completion date, the first party will decide on the intended completion date being extended by a suitable period:

   a) The first party does not give access to the site or a part thereof by the agreed period.

   b) The first party orders a delay or does not issue completed drawings, specifications or instructions for execution of the work on time.

   c) Ground conditions are substantially more adverse than could reasonably have been assumed before issue of letter of acceptance and from information provided to second party or from visual inspection of the site.

   d) Payments due to the second party are delayed without reason.

   e) Certification for stage completion of the work is delayed unreasonably.

7. Any willful delay on the part of the second party in completing the construction within the stipulated period will render him liable to pay liquidated damages. @ Rs. *__________ per day which will be deducted from payments due to him. The first party may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 2% of the contract amount.

(Note: The amount of liquidated damages per day should be determined at 0.05% of the contract value of the works and indicated here).
8. **Duties and responsibilities of the first party**

8.1 The first party shall be responsible for providing regular and frequent supervision and guidance to the second party for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the first party, for checking quality of material and construction to ensure that it is as per the norms.

8.2 The first party shall supply 3 sets of drawings, specifications and guidelines to the second party for the proposed works.

8.3 Possession of the site will be handed over to the second party within 10 days of signing of the agreement.

8.4 The Engineer or such other person as may be authorized by the first party shall hold meeting once in a month where the second party or his representative at site will submit the latest information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.

8.5 The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The second party will carry out the instructions and promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the Engineer’s notice, the first party as well as the engineer nominated by it, may instruct stoppage or suspension of the construction. It shall thereupon be open to the first party or the engineer to have the deviations rectified at the cost of the second party.

9. **Duties and responsibilities of the second party**

9.1 The second party shall:

   a) take up the works and arrange for its completion within the time period stipulated in clause 5;

   b) employ suitable skilled persons to carry out the works;

   c) regularly supervise and monitor the progress of work;

   d) abide by the technical suggestions / direction of supervisory personnel including engineers etc. regarding building construction;

   e) be responsible for bringing any discrepancy to the notice of the representative of the first party and seek necessary clarification:
f) ensure that the work is carried out in accordance with specifications, drawings and within the total of the contract amount without any cost escalation;
g) keep the first party informed about the progress of work;
h) be responsible for all security and watch and ward arrangements at site till handing over of the building to the first party; and
i) maintain necessary insurance against loss of materials/cash, etc. or workman disability compensation claims of the personnel deployed on the works as well as third party claims.
f) Pay all duties, taxes and other levies payable by construction agencies as per law under the contract (First party will effect deduction from running bills in respect of such taxes as may be imposed under the law).

10. Variations / Extra Items

The works shall be carried out by the second party in accordance with the approved drawings and specifications. However, if, on account of site conditions or any other factors, variations are considered necessary, the following procedure shall be followed:-

a) The second party shall provide the Engineer with a quotation for carrying out the Variation when requested to do so by the Engineer. The Engineer shall assess the quotation, which shall be given within seven days of the request before the Variation is ordered.

b) If the quotation given by the second party is unreasonable, the Engineer may order the Variation and make a change to the Contract Price which shall be based on Engineer’s own forecast of the effects of the Variation on the Contractor’s costs.

c) The second party shall not be entitled to additional payment for costs which could have been avoided by giving early warning.

11. Securities

The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Employer. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee.

12. Termination

12.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.
12.2 Fundamental breaches of Contract include, but shall not be limited to the following:

(a) the contractor stops work for 28 days and the stoppage has not been authorized by the Engineer;

(b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;

(c) the Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;

(d) the Contractor does not maintain a security which is required;

12.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.

12.4 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

13. Payment upon Termination

13.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done less advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

13.2 If the Contract is terminated at the Employer’s convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor’s personnel employed solely on the Works, and the Contractor’s costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

14. Dispute settlement

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator not below the level of retired Superintending Engineer, PWD to
be appointed by the first party. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties.
## BILL OF QUANTITIES

Name of work: Renovation/digging low cost rain water harvesting at SKNCOA, Jobner
Based on: B.S.R. PWD 2019 (Jaipur City circle)

<table>
<thead>
<tr>
<th>BSR Item No</th>
<th>S. No</th>
<th>Item Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Estimate Cost</th>
<th>Total Amount</th>
<th>Total Amount in Words</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6</td>
<td>1</td>
<td>Earth work in excavation by mechanical means (Hydraulic excavator + manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kinds of soil</td>
<td>14000.00</td>
<td>Cum</td>
<td>159.00</td>
<td>2226000.00</td>
<td>Rupees TwentyTwo Lakh TwentySix Thousand Only</td>
</tr>
<tr>
<td>1.8</td>
<td>2</td>
<td>Earth work in excavation by mechanical means (Hydraulic excavator + manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kinds of soil</td>
<td>150.00</td>
<td>Cum</td>
<td>162.00</td>
<td>24300.00</td>
<td>Rupees TwentyFour Thousand Three Hundred Only</td>
</tr>
<tr>
<td>3.1.6</td>
<td>3</td>
<td>Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)</td>
<td>50.00</td>
<td>Cum</td>
<td>3002.00</td>
<td>150100.00</td>
<td>Rupees One Lakh Fifty Thousand One Hundred Only</td>
</tr>
<tr>
<td>6.1.1</td>
<td>4</td>
<td>Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:</td>
<td>140.00</td>
<td>Cum</td>
<td>2580.00</td>
<td>361200.00</td>
<td>Rupees Three Lakh SixtyOne Thousand Two Hundred Only</td>
</tr>
<tr>
<td>12.2.2</td>
<td>5</td>
<td>Rough cast plaster upto 10m height above ground level with a mixture of sand and gravel or crushed stone from 6mm to 10mm nominal size dashed over and including the fresh plaster in two layers, under layer 12mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10mm cement plaster 1:3 (1 cement : 3 fine sand) mixed with 10% finely ground hydrated lime by volume of cement. Ordinary cement finish using ordinary cement</td>
<td>600.00</td>
<td>Sqm</td>
<td>309.00</td>
<td>185400.00</td>
<td>Rupees One Lakh EightyFive Thousand Four Hundred Only</td>
</tr>
<tr>
<td>3.8</td>
<td>6</td>
<td>Providing &amp; fixing precast cement concrete coping 1 : 2 : 4 mix 50mm thick complete as per specification:</td>
<td>225.00</td>
<td>Sqm</td>
<td>334.00</td>
<td>75150.00</td>
<td>Rupees SeventyFive Thousand One Hundred Fifty Only</td>
</tr>
<tr>
<td>9.36.2</td>
<td>7</td>
<td>Supplying and fixing of chain link fencing with angle iron posts 50x50x6mm placed at every 3 Mtr. apart 30cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth post to be strutted with (50 x 50 x 6cm) angle iron provided and fixed and fitted with posts including earth work in excavation etc. complete with chain link size. 75mm x 15mm x 3.15mm</td>
<td>1200.00</td>
<td>Sqm</td>
<td>514.00</td>
<td>616800.00</td>
<td>Rupees Six Lakh Sixteen Thousand Eight Hundred Only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description</td>
<td>Quantity</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount</td>
<td>Remarks</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>------------------------------------------------------------------------------</td>
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<td>--------</td>
<td>---------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>9.1</td>
<td>8</td>
<td>Structural steel work in single section fixed with or without connecting plate including cutting, hoisting (height upto 10 m), fixing in position and applying a priming coat of approved steel primer all complete.</td>
<td>150.00</td>
<td>Kg</td>
<td>63.00</td>
<td>9450.00</td>
<td>Rupees Nine Thousand Four Hundred Fifty Only</td>
</tr>
<tr>
<td>9.33</td>
<td>9</td>
<td>Add or Deduct for each wire line over basic item.</td>
<td>1100.00</td>
<td>Mtr</td>
<td>11.00</td>
<td>12100.00</td>
<td>Rupees Twelve Thousand One Hundred Only</td>
</tr>
<tr>
<td>9.35</td>
<td>10</td>
<td>Extra for using galvanized barbed wire instead of black barbed wire.</td>
<td>1100.00</td>
<td>Mtr</td>
<td>0.55</td>
<td>605.00</td>
<td>Rupees Six Hundred Five Only</td>
</tr>
</tbody>
</table>

Gross Total Cost: Rs. **366105.00**  
Rupees ThirtySix Lakh SixtyOne Thousand One Hundred Five Only

We agree to execute the works in accordance with the approved drawings and technical specifications at........................................
above/below the estimated rates, i.e., for a total contract price of Rs. ........................................
................................................................................................................................................................................

Signature of Contractor

ESTATE OFFICER  
Sr. Karan Narendra Agriculture University  
Jodhpur, Jaipur
## BILL OF QUANTITIES

**Name of work:** Renovation/digging low cost rain water harvesting at LALSOT, Dausa  
**Based on:** B.S.R. PWD 2019 (Dausa City circle)

<table>
<thead>
<tr>
<th>BSR Item No</th>
<th>S. No</th>
<th>Item Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Estimated Cost</th>
<th>Total Amount</th>
<th>Total Amount in Words</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6</td>
<td>1</td>
<td>Earth work in excavation by mechanical means (Hydraulic excavator / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kinds of soil</td>
<td>12000.00</td>
<td>Cum</td>
<td>159.00</td>
<td>1908000.00</td>
<td>Rupees Nineteen Lakh Eight Thousand Only</td>
</tr>
<tr>
<td>1.8</td>
<td>2</td>
<td>Earth work in excavation by mechanical means (Hydraulic excavator / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kinds of soil</td>
<td>60.00</td>
<td>Cum</td>
<td>161.00</td>
<td>9660.00</td>
<td>Rupees Nine Thousand Six Hundred Sixty Only</td>
</tr>
<tr>
<td>3.16</td>
<td>3</td>
<td>Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).</td>
<td>20.00</td>
<td>Cum</td>
<td>3452.00</td>
<td>69040.00</td>
<td>Rupees SixtyNine Thousand Fouty Only</td>
</tr>
<tr>
<td>6.1.1</td>
<td>4</td>
<td>Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:</td>
<td>55.00</td>
<td>Cum</td>
<td>2743.00</td>
<td>150865.00</td>
<td>Rupees One Lakh Fifty Thousand Eight Hundred SixyFive Only</td>
</tr>
<tr>
<td>12.2.2</td>
<td>5</td>
<td>Rough cast plaster upto 10m height above ground level with a mixture of sand and gravel or crushed stone from 6mm to 10mm nominal size dashed over and including the fresh plaster in two layers, under layer 12mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10mm cement plaster 1:3 (1 cement : 3 fine sand) mixed with 10% finely grounded hydrated lime by volume of cement. Ordinary cement finish using ordinary cement</td>
<td>250.00</td>
<td>Sqm</td>
<td>318.00</td>
<td>79500.00</td>
<td>Rupees SeventyNine Thousand Five Hundred Only</td>
</tr>
<tr>
<td>3.8</td>
<td>6</td>
<td>Providing &amp; fixing precast cement concrete coping 1 : 2 : 4 mix 50mm thick complete as per specification:</td>
<td>100.00</td>
<td>Sqm</td>
<td>394.00</td>
<td>39400.00</td>
<td>Rupees ThirtyNine Thousand Four Hundred Only</td>
</tr>
<tr>
<td>S. No</td>
<td>Description</td>
<td>Quantity</td>
<td>Unit</td>
<td>Rate (₹)</td>
<td>Amount (₹)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------------------------------------------------------</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>9.36.2</td>
<td>Supplying and fixing of chain link fencing with angle iron posts 50x50x6mm placed at every 3 Mtr. apart 30cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth post to be strutted with (50 x 50 x 6cm) angle iron provided and fixed and fitted with posts including earth work in excavation etc. complete with chain link size. 75mm x 15mm x 3.15mm</td>
<td>400.00</td>
<td>Sqm</td>
<td>520.00</td>
<td>208000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.1</td>
<td>Structural steel work in single section fixed with or without connecting plate including cutting, hoisting (height upto 10 m), fixing in position and applying a priming coat of approved steel primer all complete.</td>
<td>50.00</td>
<td>Kg</td>
<td>72.00</td>
<td>3600.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Gross Total Cost**: Rs. 2468065.00

We agree to execute the works in accordance with the approved drawings and technical specifications at above/below the estimated rates, i.e., for a total contract price of Rs. ________________

______________________________

Signature of Contractor
BILL OF QUANTITIES

Name of work :- Supply and Installation of Pond Liner Sheet at COA, Lalsot.
Rates based on :- Prevailing Market Rate

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Particulars</th>
<th>Quantity</th>
<th>Unit</th>
<th>Rate Per Sqm</th>
<th>Amount (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Supplying of reinforced HDPE geomembrane pond liner 500 micron with IS:15351:2015 for waterproofing etc. complete.</td>
<td>4200.00</td>
<td>Sqm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total

Note: 1. Rate quoted should be included all taxes.
2. Supplier should prepare sheet as per size required at site & laying of sheet shall also be part of this tender for which no any additional payment shall be made.

We agree to execute the works in accordance with the approved drawings and technical specifications at Rs. .................. Per Sqm, i.e., for a total contract price of Rs. .......................................................... ..........................................................

Signature of Contractor
With full Address

[Signature]
Format of certificate

Certified that the works upto ------------------------ level in respect of construction of ------------------------ at ------------------------ have been executed in accordance with the approved drawing and technical specifications.

Signature
Name & Designation
(Official address)

Place :
Date :

Office seal
List of contractors for the work of digging of low-cost rain water harvesting structure at SKNCOA, Jobner

1. M/s Nideeshwara Creation,  
   584, Shanti Nagar, Durgapura,  
   Jaipur (Raj.)  
   Contact No. 91 9694640584  
   Email ID: jajdish.capricorn06@gmail.com

2. M/s Shree Ram Construction,  
   Baberwalon ka Mohalla,  
   Jobner, Jaipur (Raj.)  
   Contact No. 91 9001887979  
   Email ID: shrwanla05@gamil.com

3. M/s Narayan Lal Kumawat Contractor,  
   Baberwalon ka Mohalla,  
   Jobner, Jaipur (Raj.)  
   Contact No.: 91 9414820656  
   Email ID: - kumawatconstruction2011@gmail.com
List of contractors for the work of digging of low-cost rain water harvesting structure, Supply and installation of pond liner sheet at COA, Lalsot

1. M/s Krishan Kumar & Company,
   Rajpoto ka Mohalla, Durgapura,
   Jaipur (Raj.)
   Contact No. 91 9414076794
   Email ID: krshhankumararmeena348@gmail.com

2. M/s Wave Infra,
   225, Balaji Vihar II, Govindpura, Kalwar Road,
   Jothwara Jaipur (Raj.)
   Contact No. 91 9950445500
   Email ID: waveinfra.jaipur@gmail.com

3. M/s Nideeshwara Creation,
   584, Shanti Nagar, Durgapura,
   Jaipur (Raj.)
   Contact No. 91 9694640584
   Email ID: jajdish.capricorn06@gmail.com

4. M/s Shree Ram Construction,
   Baberwalon ka Mohalla,
   Jobner, Jaipur (Raj.)
   Contact No. 91 9001887979
   Email ID: shrwanlal05@gamil.com

5. M/s Narayan Lal Kumawat Contractor,
   Baberwalon ka Mohalla,
   Jobner, Jaipur (Raj.)
   Contact No.: 91 9414820656
   Email ID: - kumawatconstruction2011@gmail.com

6. M/s Shankar Enterprises,
   Anand Farm House, Nathi Ka Bas
   Renawal Road, Jobner
   Jaipur (Raj.)
   Contact No: 91 8385858518, 8952831099
   Email ID: shankarenterprissrenwal@gmail.com
7. M/s Shubham Construction,
   B-3, New Colony, khatipura,
   Jaipur (Raj.)
   Contact No.: 917891570071
   Email ID: - shubhamshekhawat3650@gmail.com

8. M/s RRK Construction Company,
   Dhani Nagan, Post- Jobner, Th. Phulera,
   Distt- Jaipur
   Contact No.: 9928350829
   Email ID: - rrkconst207@gmail.com

[Signature]

ESTATE OFFICER
Sr. Karan Narendra Agriculture University
Jobner, Jaipur