



**Madhya Pradesh Bhoj (Open) University**  
(Established under an Act of State Assembly in 1991)

**मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय**



**MADHYA PRADESH  
BHOJ (OPEN) UNIVERSITY**  
Kolar Road, Bhopal, Madhya Pradesh – 462 042

**TENDER DOCUMENT**

**FOR**

**Planning, Construction, Commissioning and 3 year maintenance of  
4 Nos Rainwater Harvesting structures for recharging 3 Nos borewells in  
Madhya Pradesh (Open) University Campus**

**Madhya Pradesh Bhoj (Open) University  
Kolar Road, Bhopal,  
Madhya Pradesh – 462 042**

## MADHYA PRADESH BHOJ (OPEN) UNIVERSITY

### Notice Inviting Tender

1. Notice Inviting Tender - Tenders are invited from eligible contractors registered/enlisted with Central Government Departments/State Government Departments/ Central Autonomous Bodies/ State Autonomous Bodies/ Central Public Sector Undertakings/ State Public Sector Undertakings/IITs/IIMs or Central/State universities/Institutes for the following work :-

Sr. No.	Name of Work	Earnest Money Deposit (Rs)	Time for Completion	Last Date and Time of submission of Tender documents
1	<b>Planning, Construction, Commissioning and 3 year annual maintenance of 4 Nos Rainwater Harvesting structures for recharging 3 Nos borewells in Madhya Pradesh (Open) University Campus</b>	Rs 6,000	30 days	11 June, 2018 up to 3.00 P.M.

**Blank tender document can be downloaded from MP Bhoj Open University website from June 02, 2018 to June 11, 2018 on receipt of application from intending applicants on their letter head.**

**Cost of issuing of Tender Document :** - Rs 1000/- in the form of Demand Draft (issued by any nationalized bank) in favor of **Registrar Madhya Pradesh Bhoj (Open) University** payable at Bhopal having validity for 3 months to be submitted before 8<sup>th</sup> June 2018

**Last date of issuing of documents** – 8<sup>th</sup> June 2018

**Last date of receipt of Tender:** - June 11, 2018 up to 3 pm

**Opening of technical bid:** - June 11, 2018 at 3.30 pm

**Opening of Financial bid:** - The date and time shall be communicated to the tenderers who will qualify in technical evaluation

1. The tenders are to be submitted in the office of Registrar, Madhya Pradesh Bhoj (Open) University Campus, (MP).
2. Detailed NIT is available on the institute website <http://www.bhojvirtualuniversity.com/adv.html>
3. **Time limit:** 1 months from 5<sup>th</sup> day from the issue of work order or actual date of commencement whichever is earlier.

4. Tenders shall be accompanied by **Earnest money** of Rs. 6,000 /- in the form of Demand Draft (issued by any nationalized bank) in favor of **Registrar Madhya Pradesh Bhoj (Open) University** payable at Bhopal having validity for 3 months.
5. The competent authority on behalf of MADHYA PRADESH BHOJ (OPEN) UNIVERSITY does not bind him to accept the lowest or any other offer/tender and reserves to itself the authority to reject any or all the offers/tenders received without assigning any reason. All offers/tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the offer/tender shall be summarily rejected. Conditional offer including conditional rebate shall be summarily rejected.
6. Intending tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and subsoil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender and execution of work. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which materials, tools and plant, etc. if any will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
7. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
8. No Engineer of gazette rank or other gazette officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
9. The interested Firms are required to furnish the following documents for Technical evaluation
  - a) Copy of valid registration.

- b) Constitution of the Organization & Year of incorporation.
- c) Organizational Structure.
- d) Annual Turover as per ITCC or Profit & loss statement for the last 1 year approved by Chartered Accountant.
- e) PAN No./GST/VAT/EPF/ESIC certificate.
  - a. List of Technical staff.
- f) Affidavit of not being blacklisted by any Department. This is applicable for all contractors/ firms participating in the bidding of the work.

**10. Tender Document Contains-**

- i. N.I.T
- ii. Bill of quantities
- iii. General conditions of contract
- iv. Special conditions of contract
- v. Technical Specifications

**11. Three envelope Tender procedure shall be followed. Tenderer has to submit three sealed envelopes containing the documents as detailed below simultaneously, enclosed in a **Fourth Envelope**.**

<b>ENVELOPE-1</b>	EMD
<b>ENVELOPE-2</b>	Technical Bid
<b>ENVELOPE-3</b>	Price Bid

All the three envelopes shall be put in a fourth envelope which shall be duly sealed. **All the 4 envelopes shall be super-scribed with the Name of Work and Name & address of intending tenderer. Respective envelopes shall also be marked as envelope 1, envelope 2, and envelope 3 as detailed above.** Tenders who do not conform to the specified requirements will be treated non-responsive and tender will not be opened.

Initially, only the **envelope -1** shall be opened, if found responsive then the **envelope-2** (Technical Bid) shall be opened at the date and time given in the Tender Document. The Financial Bid shall remain sealed and unopened and in the custody of **Madhya Pradesh Bhoj (Open) University**.

After technical evaluation, date and time of opening of Financial Bid shall be communicated by **Madhya Pradesh Bhoj (Open) University** to the tenderers qualifying in technical evaluation. The Financial Bids of only the tenderers found technically qualified as per the tender shall be opened in presence of the tenderers.

The Financial Bid/s of technically unqualified contractors shall remain sealed and unopened and in the custody of **Madhya Pradesh Bhoj (Open) University**.

**12. Clarification/ amendments, if any shall be uploaded on website only. Tenderers are requested to see the website regularly. Ignorance of corrigendum on website will not be accepted as ground of non-observance of corrigendum.**

**13. Bill of quantities is enclosed with tender document, the rate shall be quoted against each item separately in figures as well as in words. All correction/s must be sealed and signed by the tenderer with date.**

During Financial Bid evaluation, the correct figure in case of arithmetical errors will be

considered on the following basis:

- a) If there is a discrepancy between words and figures, following procedure shall be followed:
    - i. the unit price which correspond to the total price for the item worked out by the tenderer shall be followed;
    - ii. If the total price of an item is not worked out by the tenderer or it does not correspond with the rates written either in words or figures then the rate quoted by the tenderer in words shall be taken as correct.
  - b) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected;
  - c) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
  - d) The unit wise amounts will be rounded to the nearest rupee.
  - e) The tendered rates of items against which no rate or price is entered by the tenderer will be taken as zero and the price of the same shall be deemed to have been covered by the rates/amount quoted in other items. Contractor will be bound to execute the same item at his own cost.
- 14.** The rate must exclude GST which will be reimbursed separately, on demand and with prior approval of Project In charge and upon submission of proof of payment.
- 15.** The contractor shall pay not less than the minimum wages to labors engaged by him on the work.
- 16.** Contractor will execute the work during working hours from 9 am to 6 pm on working days. Permission of Registrar will be required in writing for working on holidays and beyond working hours.
- 17.** The tender for the works shall remain open for acceptance for a period of thirty days from the last date of submission of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the institute shall, without prejudice to any other right or remedy, be at liberty to forfeit of the said earnest money as aforesaid. Further, the tenderer shall not be allowed to participate in the re-tendering process of the work.
- 18.** The competent authority on behalf of the Madhya Pradesh Bhoj (Open) University does not bind himself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without assigning any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected. Conditional tender including conditional rebate shall be summarily rejected.
- 19.** The competent authority on behalf of the Madhya Pradesh Bhoj (Open) University reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

**Registrar  
(Madhya Pradesh Bhoj (Open) University)**

## **GENERAL CONDITIONS OF THE CONTRACT (GCC)**

1. The bidder will quote the “**Total cost of project**” as per Price Bid in schedule-1 in the enclosed format. Cost quoted in the offer document will remain the same throughout the Contract period.
2. The Offer shall be opened on the date mentioned above. If the said date is declared as holiday at a later date the offer will be opened on the next working day at same time.
3. The Offer shall remain open for acceptance for Thirty days from the date of opening of offers.
4. EMD should be submitted through DD for ₹ 6,000/- (INR Six Thousand only) in favor of **The Registrar, Madhya Pradesh Bhoj (Open) University, Bhopal Payable at Bhopal** issued by any nationalised bank.
5. Madhya Pradesh Bhoj (Open) University has the right to cancel the bidding process and reject all bids at any time prior to award of the contract without assigning any reasons whatsoever and without thereby incurring any liability to the affected bidder due to action of Madhya Pradesh Bhoj (Open) University.
6. The *conditional bids* received without EMD or are incomplete and not in proper form shall be liable to be *summarily rejected*.
7. **The offer document shall consist of EMD, Technical Bid and Price Bid.**
  - i. Offers in sealed envelope shall containing **EMD, Technical Bid** along with the consent for acceptance of all the terms & conditions and tender; and the **Price bid** separately.
  - ii. Technical bid shall consist of EMD for the required amount as per the offer documents and technical details. Technical details should be submitted along with Leaflets/information brochures (if any) showing the technical and general details of the equipment offered shall also be enclosed with the technical bid.
  - iii. Price bids shall consist of price details item-wise in the given proforma.
  - iv. At the time and date of opening of offers, only technical bids shall be opened.
  - v. The time and date of opening of price bids shall be made latest in respect of only the technically qualified bidders. (if required).
  - vi. Offers not complying with the above conditions are liable to be ignored without any further reference.
  - vii. This offer is not transferable.
  - viii. The University reserves its right to allocate the business on more than one party i.e. partial allocation of work can be made at the discretion of the University.

**Registrar  
(Madhya Pradesh Bhoj (Open) University)**

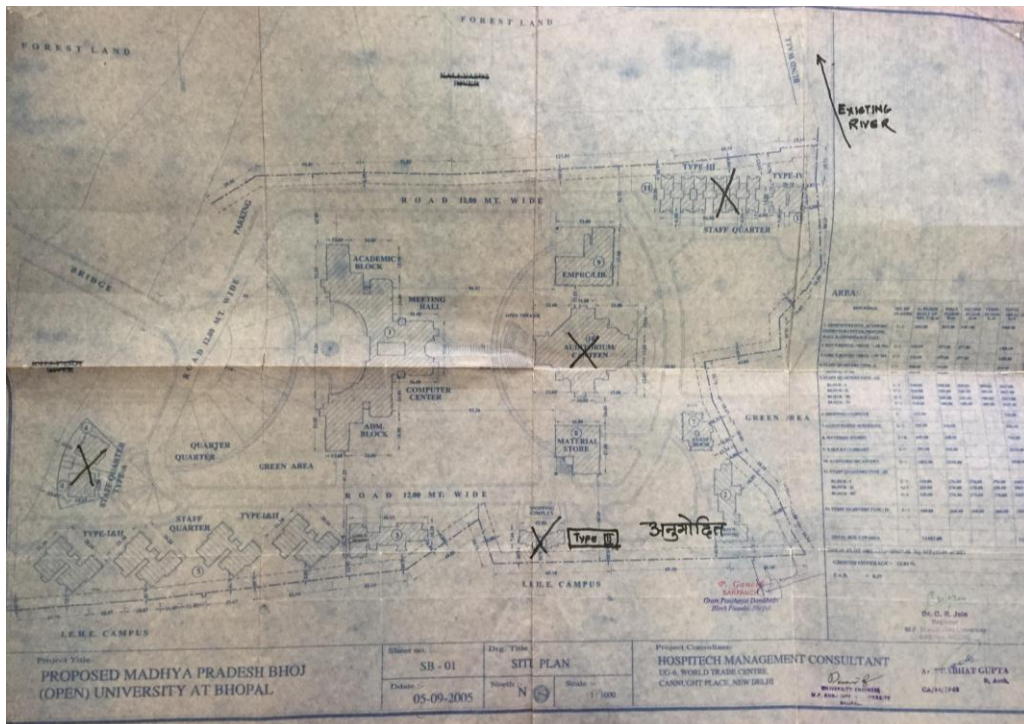
## SPECIAL CONDITIONS OF CONTRACT (SCC)

### 1.0 Scope of Work:

The Scope of work will consist of Construction of Rain Water Harvesting system in MP Bhoj (Open) University Campus for 3 Nos borewells as per following details:

1. Rain Water harvesting system as per layout drawing (Drg No.1) to be executed in MPBOU Campus.
2. Rain Water Harvesting primary chambers having internal dimensions of **2.5ft X 2.5ft X 2.5ft** and **secondary chamber (5ft X 5ft X 5ft)** (drawing No.2).
3. RCC Rain Water Harvesting Chambers (walls, top slab etc.) to be structurally designed by a Structural Engineer for its stability and safety under earth pressure/earth quack/water pressure etc. Design, drawings and certificate from the qualified Structural Engineer to be sent to MPBOU for approval before start of work. The item rates quoted shall include the design/drgs.charges and no separate payment will be made for the same.
4. After completion of work contractor will submit as built drawings of the layout and details of rain water harvesting system built by him

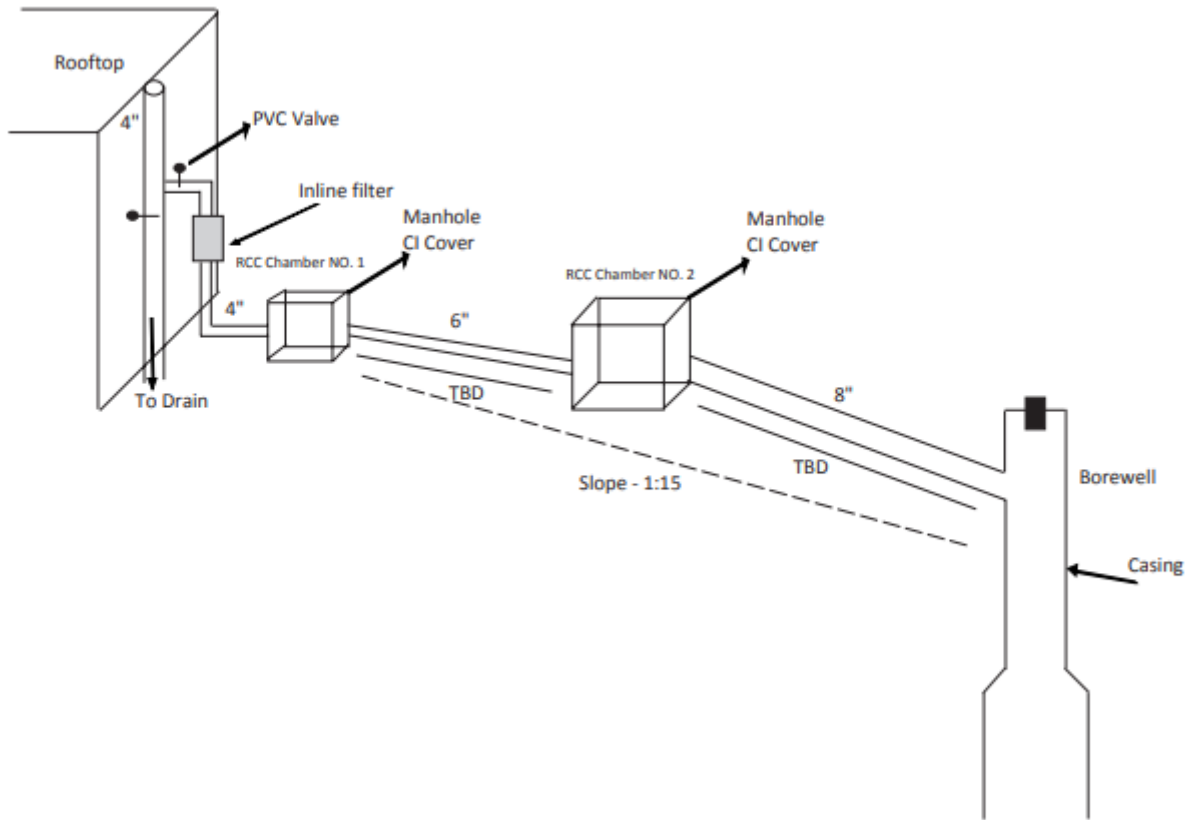
### 1. Rainwater Harvesting Locations



Registrar  
(Madhya Pradesh Bhoj (Open) University)

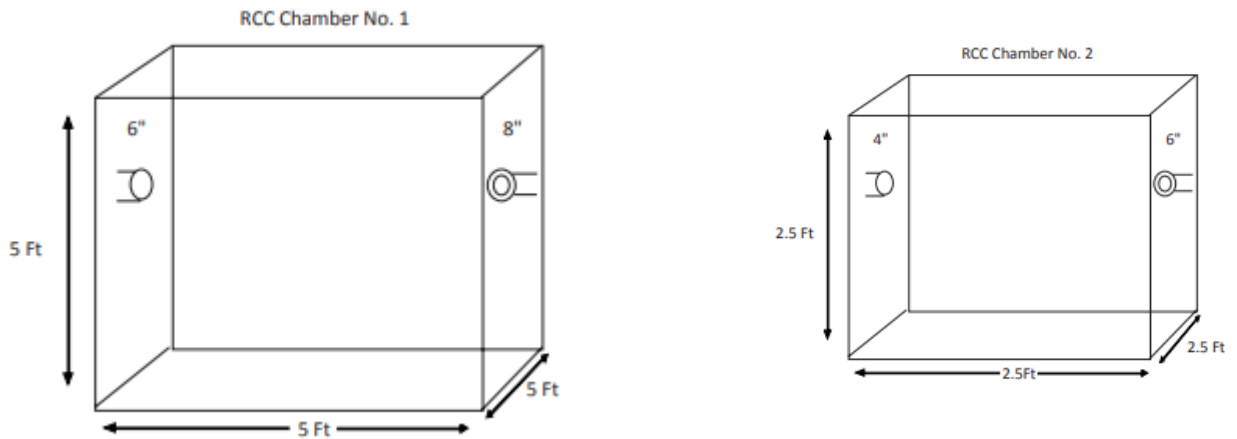


**DRAWING - 1**  
**Schematic of Rainwater Harvesting System**

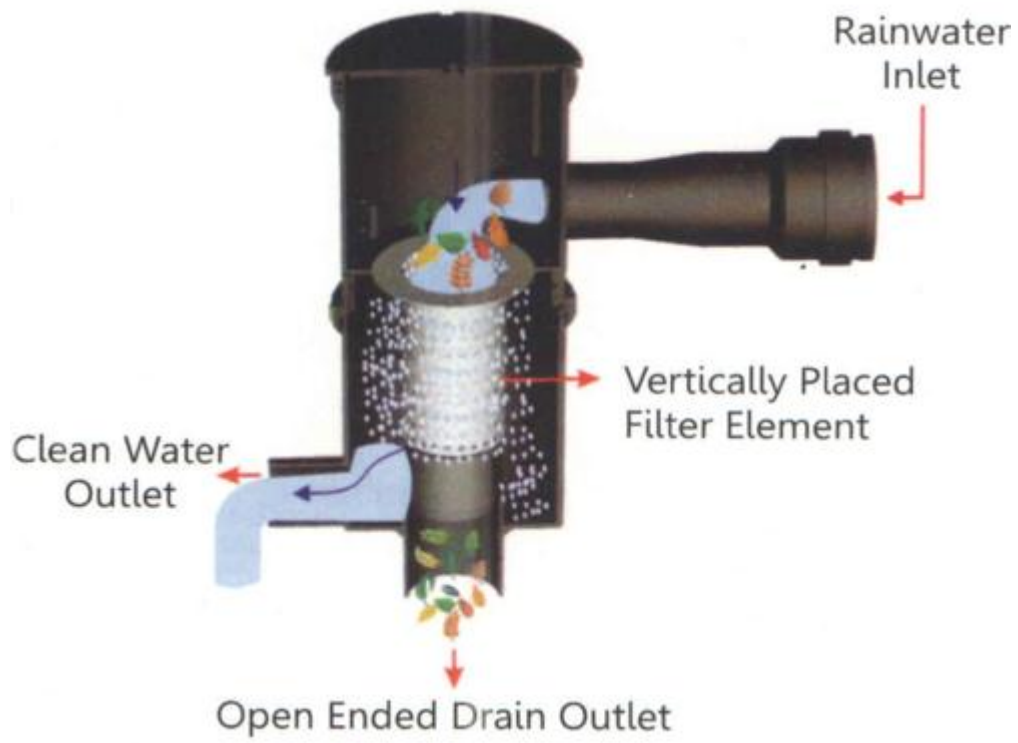


**TBD – Length of PVC Pipes to be determined during planning stage with consent of Project In-charge**

**DRAWING – 2**  
**Design of Harvesting Chambers**



**DRAWING – 3**  
**Design of Online Filters**



## **TECHNICAL SPECIFICATIONS & SPECIAL CONDITIONS:**

1. Concrete grade to be used in RCC work will be M-20 with nominal grade mix as 1:1 ½:3 and reinforcement will be TMT bars.
2. Compaction of concrete will be done by Nozzle Vibrator.
3. Cover blocks will be of concrete. Stone pieces will not be allowed to be used as cover block
5. Sample of finishing materials will be first got approved by contractor before procuring in bulk.
6. Contractor will use only ISI marked materials (wherever applicable) and will use only those makes of materials in his work which have been mentioned in the list of 'Approved makes of materials' given below. Wherever MPBOU so directs the Contractor, he will get the material tested at a suitable laboratory and submit test results to MPBOU, at his own cost.
7. Detailed specification of various BOQ items will be as per relevant IS Codes & CPWD Specifications U.N.O.
8. Cost of concrete work (both PCC & RCC) quoted by the contractor will include mixing of concrete in Diesel operated mixer, transportation of concrete, compaction (with Nozzle vibrator), curing and finishing smooth.
9. The contractor at his own cost will get the cube test done from approved institution to measure the strength of R.C.C. Sample of steel shall also be got tested from approved lab for all diameters of steel indicated in drawing/BOQ.
10. Cost of brickwork and plastering will include curing for adequate number of days as per specifications.
11. Contractor will use only steel shuttering and scaffolding for casting concrete in RCC work
12. Since the excavation is up to 6 -7 mtrs from ground level, therefore, proper precaution to be taken care during execution of job till it's completion towards safety of man and material.
13. Proper slope to be made from excavated earth keeping in view the safety of man and material. It should comply with the latest CPWD safety norms and guide lines.
14. Before quoting rates, contractor is requested to see the site as the surrounding earth consists of soil, soft & hard rocks. Proper Machines are to be used for excavation of the area. Bidder must take care of all expenditure into account towards man, material and equipment while quoting rates.
15. Working area should be well protected from residents/children as work to be done in playground of MPBOU Campus. The construction site area shall be cordoned off by providing GI Sheets around work site during execution. As per latest NGT guide lines, contractor should ensure by proper covering so that dust does not fly around from excavation site.

16. The cost for the above should be included in the item rates quoted. No extra payment will be made for the same.

17. After the installation of RWH system, the area should be barricaded all around by wall/railing/fencing as instructed by Registrar and the payment for the same will be made in respective item rates.

#### **APPROVED MAKES OF MATERIALS:**

1. Cement: JK, Birla, UltraTech, Jaypee, Shree
2. Reinforced Steel: Bharat, Rathi, Amba, Kamdhenu, Jindal,
3. Structural Steel: SAIL, Rana, Mahavir, Capital, Jindal
4. TMT Bars: SAIL, TATA, RINL, JINDAL, RATHI, KAMDHENU
5. C.I Covers & Manhole Covers: B.C, R.I.F, NECO
6. RCC NP 2 Pipe: Ramanik, Pragati, Indian Hume Pipe Co., Daya spun pipes
7. PVC Pipes: Prakash, Supreme, Tirupathi, Prince

In case the make of any item is not mentioned in the above list, the same should be ISI marked and of well - known reputed make and the same should be got approved by IUAC engineer before procurement.

#### **18 Cost of bidding:**

The bidder shall bear all costs associated with preparation and submission of his bid and MP Bhoj (Open) University Campus shall in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

#### **19 Site Visit**

The Bidder, at the bidder's own responsibility and risk is encouraged to visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the bid and entering into a contract for construction of the works. The cost of visiting the site shall be at the bidder's own expense.

#### **20 Payment Terms**

The payment terms are as follows:

- 1) On completion of work the payment will be made, on submission of bills by the contractor as per actuals.

#### **21 Payment conditions:**

Payment will be made as per the bills produced by the contractor on actual execution of the work.

**Registrar**  
**(Madhya Pradesh Bhoj (Open) University)**

# **Part – 2**

# **Price Bid**

# MADHYA PRADESH BHOJ (OPEN) UNIVERSITY

## Schedule-1

**Sub: - Planning, Construction, Commissioning and 3 year annual maintenance of 4 Nos Rainwater Harvesting structures for recharging 3 Nos borewells in Madhya Pradesh (Open) University Campus**

S.No.	Description of item	Qty	Unit	Rate	Amount
1	Planning & Design work	1	No		
2	Earth work excavation (manual)	70	cum		
3	Providing and Fixing of reinforcement steel	80	Kg		
4	Providing and laying of RCC (M-20)	25	cuft		
5	Brick Work (230mm wide)	25	cuft		
6	Plastering Work (1:6)	12.5	sqft		
7	Neat Cement Punning	16	sqft		
8	4" PVC Pipe (6.5 Kgf), make - as mentioned in Tender document	550	Ft		
9	6" PVC Pipe (6.5 Kgf), make - as mentioned in Tender document	275	Ft		
10	8" PVC Pipe (6.5 Kgf), make - as mentioned in Tender document	275	Ft		
11	Online Filters (De-silter)	4	Nos		
12	4" PVC Valve	4	Nos		
13	Manhole Covers (CI) for chambers	4	Nos		
15	Annual Maintenance charges for 3 years maintenance and upkeep for 6 Nos rainwater harvesting structures	1	LS		
SUBTOTAL					
GST					
TOTAL					

Note:-

- 1) The above quoted rates shall be exclusive of GST.
- 2) Security deposit, labour cess and TDS will be deducted at source from each bill as per prevailing rates.

Seal & Signature of the Firm