



# महाराजा गंगा सिंह विश्वविद्यालय

राष्ट्रीय राजमार्ग सं. 15, जैसलमेर रोड़, बीकानेर (राजस्थान) भारत

कार्य का नाम :- विश्वविद्यालय परिसर में Rain Water Storage Tanks का निर्माण कार्य।

## निविदा प्रपत्र

1. निविदादाता का नाम :-.....
2. पूरा पता :-.....  
.....  
.....
3. आयकर पैन् नं. :-.....
4. निविदा शुल्क जमा राशि :-.....  
रसीद संख्या/दिनांक :-.....
5. मैं/हम विश्वविद्यालय द्वारा जारी निविदा सूचना संख्या.....दिनांक.....तथा निविदा प्रपत्र के साथ संलग्न सभी शर्तों को स्वीकार करते हैं।
6. धरोहर राशि हेतु बैंक ड्राफ्ट/बैंकर चैक संख्या.....दिनांक.....आहरित बैंक का नाम.....रोकड़ संख्या.....दिनांक.....राशि रु.....संलग्न है।
7. पंजीकृत ठेकेदारों का विवरण :- 1. पंजीयन कार्यालय/विभाग का नाम.....  
:- 2. पंजीयन संख्या..... दिनांक :-.....

Kuldeep Jain  
सम्पदा अधिकारी

निविदादाता के हस्ताक्षर



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Issued to Contractor .....

कार्य का नाम :- विश्वविद्यालय परिसर में Rain Water Storage Tanks का निर्माण कार्य।

Cost of Tender Form :- Rs. 1000/-

Earnest Money :-Rs. 72.000/-

Date of Receipt :- 21-06-2017 upto 01.00 PM

Date of Opening :- 21-06-2017 at 03.30 PM

Time period for Completion of work:- Six Month

## 'G' SCHEDULE

(B.S.R ITEMS RATES BASED ON PWD BSR 2013)					
SR. NO.	DESCRIPTION	Qty.	UNIT	RATE	AMOUNT
1	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including taking out the excavated soil and deposing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter. All kind of soils	1245.15	Cum	153	190507.95
2	Providing and laying in position cement concrete including curring compaction etc. of specified grade excluding thwe cost of centering and shuttering—all up to 1:4:8 (1 cement : 4 Coarse sand : 8 graded stone aggregate 40 mm nomical size)	52.88	Cum	2761	146001.68
3	Brick work with F.P.S. Bricks of class designation 100 in foundation and plinth in : Cement mortar 1:4 (1-cement : 4-coarse sand)	17.23	Cum	3956	68161.88
4	Providing and fabricatin reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of bindign wire) all complete upto floor five level: Cold twisted deformed bars (IS : 1786)	25000.00	Kg	61.00	1525000.00
5	Plaster on new surface on walls in cement sand mortar 1:3 including racking of joints etc. complete fine finished : 20 mm thick	210.75	Sqm	180.00	37935.00
6	Providing and laying in position specified grade of cement concrete for all RCC structural elements upto plinth level including curring, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement : 3 coarse sand) and making good the joints and cost plasticizer (if required) excluding the cost of centering, shuttering and reinforcement. <b>M 20 grade Nominal Mix/Design Mix</b>	125.09	Cum	4053	506989.77
7	Providing and laying in position specified grade of cement concrete for all RCC structural elements upto floor five level including curring, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement : 3 coarse sand) and making good the joints and cost of plasticizer (if required) excluding the cost of centering, shuttering and reinforcement for walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars piers,	135.41	Sqm	4168	564388.88





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	abutments, posts and struts etc. M20 grade Nominal Mix/Design Mix				
8	Centering and shuttering with plywood or steel sheets including struttings, propping bracing both ways and removal of formwork for foundation, footings, strap beam, raft, bases of columns etc.	62.04	Sqm	125	7755.00
9	Centering and shuttering with plywood or steel sheets including struttings, propping bracing ways with steel props and removal of formwork for upto floor five level for: Walls (any thickness) including attached pilasters, buttresses plinth and string course	892.19	Sqm	244	217694.36
10	Centering and shuttering with plywood or steel sheets including struttings, propping bracing ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping, bed plates, anchor blocks, sills, chhajjas lintel, beam etc.	416.36	Sqm	269.00	112000.84
11	Providing and fixing steel gate grating and grills made of angles, tees, square bars or other flats black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	250.00	Kg	91.00	22750.00
12	Providing, laying & jointing of uPVC pipes with rubber ring joints in assorted length with uPVC specials etc and interconnection with existing/new pipeline as per specification, including preparation of bed properly, carting to site with all lead, cutting of pipes, Sectional testing of pipe line as per BIS specification, submitting completion drawing as per specifications (Excluding earth work) 75 mm Class 4	450.00	mtr	121	54450
13	Finishing wall with acrylic smooth exterior paint of required shade including all scaffolding New Work (two or more coat) applied @ 1.67 liter/10 Sqm over and including base coat of water proofing cement paint applied @ 2.20 Kg/10Sqm.	110.00	Sqm	55	6050
14	Construction of manhole in all type of soil inner size 90X60 cm 300/345 mm thick masonry in CM 1:6, 10 cm. thick cement concrete 1:5 10 in foundation, 20 mm thick inside plaster in CM 1:6, finished with floating neat cement, 500 mm thick M-15 grade C.C. Flooring, making channels, 80 mm thick stone slab covering with 40mm thick M-15 grade C.C. Flooring, 25 Kg. CI cover with frame of 40 mm dia, earthwork etc. complete as per design including disposal of surplus earth within 50 mtr. lead. depth upto 0.5 mtr	32.00	Each	4063.00	130016.00
				Total	3589701.36

Note- Please quote rates in BOQ online only.

*Kuldeep Jain*  
Estate Officer

Signature of the contractor





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## **-: GENERAL CONDITION OF CONTRACT:-**

1. All works, proposed for execution by contract, will be notified in a form of invitation to tender pasted on public places and on a board hung up in the office of the Estate officer, MGS University, Bikaner.
2. The form of invitation to tender will state the work to be carried out, as well as the date of submitting and opening of tenders and the time allowed for carrying out the work, also the amount of Earnest Money to be deposited with the tender and the percentage, if any, to drawings and estimated rates/scheduled rates and any other documents required in connection with the work shall be open for inspection by the contractor at the office of the Estate officer, MGS University, Bikaner.  
In the event of the Tender being submitted by a firm, it must be signed separately by each partner, thereof, or in the event of the absence of any partner, it must be signed on his behalf, by a person holding a power of attorney, authorizing him to do so. Such power of attorney will be submitted with the tender and it must disclose that the firm is duly registered under the Indian Partnership Act, by submitting the copy of registration certificate.
3. As regards Earnest Money the contractor shall submit Bank Draft in favour the Comptroller of Maharaja Ganga Singh University, Bikaner.
4. Receipts for payments, made on account of a work when executed, by a firm must also be signed by the several partners, except where the contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by on the partners or by some other person having authority to give effectual receipts for firm.
5. Any person, who submits percentage rate tender, shall fill up the usual printed form stating at how much percent above or below the rates specified in Schedule-G, he is willing to undertake the work.  
Only one rate of percentage, more or less, on all the estimated rates/scheduled rates shall be mentioned. Tenders, which propose any alteration in the work, specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work, but contractors, who wish to tender for two or more works, shall submit a separate tender for each work. Tenders shall have the name and number of work, to which they refer written outside the envelope.
6. The committee committed for opening sealed envelopes of tender receipt & form will be open the tenders in the presence of any contractor (s) or their authorized representatives who may be present at the time, and will announce and enter the rates/amounts of all tenders in the Register of Opening of Tenders. In the event of the tender being accepted, a receipt for Earnest Money deposited shall be given to the contractor, who shall sign copies of the specifications and other documents mentioned in Rule 1. In the event of a tender being rejected, the Earnest Money forwarded with such unaccepted tenders shall be returned to the contractor making the same.
7. The Hon'ble Vice Chancellor of Maharaja Ganga Singh University, Bikaner shall have the right of rejecting all or any of the tender without assigning any reason.
8. The receipt of an Accountant, Cashier or any other official, not authorized to receive such amount, will not be considered as an acknowledgement of payment to the Managing Director or other duly authorized Engineer.
9. If it is found that the tender is not submitted in proper manner or contains too many corrections and or unreasonable rates or amounts, it would be open for the Estate Officer not to consider the tender, forfeit the amount of earnest money and/or delist the contractor.
10. The tenderer shall sign a declaration under the official Secrets Act for maintaining secrecy of the tender documents, drawings or other records connected with the work given to him in form given below. The unsuccessful tenderers shall return all the drawings given to them.





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## Declaration: -

- "I/We hereby declare that I/we shall treat the tender documents, drawings and other records connected with the work, as secret confidential documents and shall not communicate information derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the same."
11. Any percentage rate tender containing item-wise rates, and any item rate tender containing percentage rate below or above estimated/scheduled rates, will be summarily rejected. However, if a tenderer voluntarily offers a rebate for payment within a stipulated period, this may be considered.
  12. On a acceptance of the tender, the name of the accredited representative (s) of the contractor (with a photograph and signature attested), who would be responsible for taking instructions from the Estate officer shall be communicated to the Estate officer.
  13. Sales tax or any other tax on materials or Income tax in respect of the contract shall be governed by Clause 36A, B, C and D of the conditions of contract. Deduction of Income tax at source will be made as per provisions of the Income tax Act, in force from time to time.
  14. The tender to work shall not be witnessed by contractor or contractors who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe the secrecy of the tenders will render tenders of the contractors, tendering as well as witnessing the tender liable to summary rejection.
  15. If on check, there are differences between the rate quoted by the contractor in words and figures or in the amount worked out by him, the following procedure shall be followed.
    - (i) Where there is a difference between the rates in figures and words lower of the two rates shall be taken as valid and correct rate.
    - (ii) When the rate quoted by the contractor in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount worked out.
    - (iii) While quoting rates, if rate/rates against any item or items are found to be omitted, the rate given in the schedule 'G' by the department for such items will be taken into account while preparing comparative statement and contractor shall be bound to execute such item on 'G' Schedule rates.
    - (iv) In case where percentage is given but the 'above' or 'below' not scored the tender will be non-responsive.
  16. The Contractor shall comply with the provisions of the Apprenticeship Act 1961 and the rules and orders issued, there under from time to time. If he fails to do so, his failure will be a breach of the contract and the original sanctioning authority in his discretion may cancel the contract. The Contractor shall also be liable for any pecuniary liability arising on account of violations by him of the provisions of the Act.
  17. The Contractor shall read the specifications and study the working drawings carefully before submitting the tender.
  18. The site for execution of the work will be made available as soon as the work is awarded in case, it is not possible for the Department to make the entire site available on the award of the work, the contractor shall arrange his working programme accordingly No claim, whatsoever, for not giving the site in full on award of the work or for giving the site gradually in parts will be tenable. The contractor may satisfy himself regarding site, acquisition of land, approach roads etc.
  19. The tender documents show already the specific terms and conditions on which tenders are required by the Government. Hence, all tenders should be in strict conformity with the tender documents and should be fulfilled in, wherever necessary, and initiated. Incomplete tenders are liable to be rejected. The terms and conditions of the tender documents are firm, as such conditional tenders are liable to be rejected.





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20. The tenderer, while submitting tender, must provide adequate information regarding his financial, technical and organizational capacity and working experience to execute the work of the nature and magnitude. The tenderer firm should be registered/enlisted in appropriate category or higher as per PWF & AR. The copy of registration is to be enclosed. Un-registered contractor will not be allowed.
21. The Estate Officer reserves the right to ask for submission of samples as in respect of materials for which the tenderer has quoted his rates before the tender can be considered for acceptance. If the tenderer, who is called upon to do so, does not submit within seven days of written order to do so, the Estate officer shall be at liberty to forfeit the said earnest money absolutely.
22. The contractor should quote his rates only in one language i.e. either in Hindi or English. Rates should be quoted in figures as well as in words. In case a contractor has quoted rates in both the languages and the rates so quoted differ then the lower of the two shall be treated as the rate quoted by the Contractor.
23. All additions, deletions, corrections and overwriting must be serially numbered and attested by the contractor at every page, so also by the officer opening the tenders, so as to make further disputes impossible on this score.
24. After acceptance of the tender, the Contractor or all partners (in the case of partnership firm), will append photographs and signatures duly attested, at the time of execution of Agreement.
25. If any contractor, who having submitted a tender does not execute the agreement or start the work or does not complete the work and the work has to be put to retendering, he shall stand debarred from participating in such retendering in addition to forfeiture of Earnest Money Security Deposit and other action under agreement.
26. (a) If a tenderer reduces the rates voluntarily after opening of the tenders/negotiations, his offer shall stand cancelled automatically, his earnest money shall be forfeited and action for debarring him from business shall be taken as per enlistment rules.  
(b) If a non-tenderer offers lower rates after opening of tenders action for debarring him from business shall be taken as per enlistment rules.
27. Contractor shall submit unconditional tenders. Conditional tenders are liable to be rejected summarily.

Signature of the contractor

*Kuldeep Jain*  
Estate Officer  
MGSU, Bikaner





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## -: SPECIAL CONDITON OF CONTRACT:-

1. Conditional tender is liable to be rejected.
2. The work shall be carried out in accordance with detailed PWD specification for building & as per relevant I.S. Codes.
3. All taxes are to be paid by the contractor.
4. The deduction of Income Tax, Sales Tax at source, Workers, Welfare Cess Act. 1996 & other any tax will be made from the contractor's bill as per Govt. notification amended from time to time & amended time to time.
5. The payment of final bill will be paid only after submitting the No dues certificates from Mining Deptt. by the contractor.
6. The Contractor shall follow the contract labour/ regulation and abolition / Act 1970 and rules 1971 & amended time to time.
7. The contractor shall not work after the sunset and before sunrise without specific permission of the competent Estate Officer.
8. Water suitable for Building Construction work and Electricity required shall have to be arranged by the contractor himself at his own cost.
9. All the building material should confirm to standard PWD specification,. Sanitary, Water Supply, Fitting, Paint, Electric Fittings, C.P. Fitting PVS Tank etc. should be ISI first quality and ISI marked & be got approved by Estate officer before use.
10. Proper arrangement for welfare of the workers, Insurance of the workers, safety of material against theft and fire etc. shall be the responsibility of Contractor.
11. Work Insurance is must; the contractor shall have to submit the proper insurance of the workers. In absence of insurance corporation shall got it done through the insurance agency and amount of premium shall be recovered from the contractor. The contractor shall submit labour license from labour department & shall have to registered in the PF Department before start of work.
12. The RCC work shall be executed by proper weigh batcher and concrete mixer with hopper & mortar mixing should be done by mixer.
13. There is no provision of price adjustment / escalation.
14. The Kolayat's sand having gradation as per ISI code is to be used for all types of concrete works.
15. The contractor will arrange for curing with pressure pipe and proper arrangement of Electric / Lubricant Motor Pump.
16. If there is any mistake in Nomenclature / Rate in any Item of Schedule 'G' same would be corrected as per **PWD Bikaner Circle BSR 2013** and amended till date.
17. The contractor will have get report from the Govt. Eng. College, Bikaner of checking of quality of material and to ensure the work done by him as per specification by the Estate officer.
18. The Contractor shall supply following skilled person at site field lab for checking of quality of material at all times at his own cost.
  - (a) For Testing of Material --- Testing Officer with helper
19. The Necessary test shall be got done from approved lab for which cost of test including transportation shall be born by the Contractor at his own cost & whose records shall maintained by him.
20. The contractor shall furnish his programmer of construction for execution of the work within the stipulated time of schedule and obtained the approval of the Estate Officer prior to actual commencement of work.
21. Any Material not confirming to the specification collected at site shall have to be removed by the Contractor as the instruction issued by the Estate Officer to writing, failing which, such material shall be removed by the department at risk and cost of the contractor.
22. For brick work the first quality brick of class designation 100 shall be used.





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23. For any condition, if there is any contradiction in special condition & general condition, then special condition shall supersede the general condition.
24. Defect liability period for civil work shall be 3 year reckoned from the date of actual completion of the Building works  
Generally, following defects are covered for 3 years D.L.P.
  - 1) Surface cracks on RCC work.
    - a. Cracks in masonry, walls, pillars, etc
    - b. Dampness appeared on surface of wall ceiling, floors etc.
    - c. De-laminations and unevenness of surface.
    - d. Leakage, cracks in drainage system, dampness in sunk portions.
  - e. Defects in paint work, distempering, white-wash etc. for example, unevenness in shade, peeling out, flakes on the surface etc.
  - f. Cracks, settlement, unevenness, opening of joints in floorings.
  - g. Doors, Windows and ventilators opening and closing are not smooth fitting & fixtures are not functioning smoothly.
  - h. Leakage / chocking in pipelines, taps, valves, showers, wash basin, etc. sanitary ware fittings not functioning smoothly.
  - i. External services for storm water, sewerage, rain water harvesting system not functioning properly.
  - j. In addition to the above, any defects identified by the user and / or Estate officer shall be rectified within notified period assigned by the Estate officer.
25. Repair and Replacement: The items covered under defect liability period shall be replaced and / or repaired as directed by the Estate officer.
26. Time period for repair / replacement: The Estate officer soon after defect arises shall notify to him and / or his authorized representative on phone and in writing for rectification of the defects within the prescribed period which may be in hours / days and depends on the gravity and severity of defect.
27. The work shall be maintained at their own cost for 3 years (DLP) from the date of completion of work as per the clause in the agreement. No extra payment shall be made on account or replaced / repaired of defects during defect liability period.
28. The contractor shall arrange to provide office at his own cost with Tables, Chairs, Steel Almirah, Sufficient number of display board etc. Fully furnished officer accommodation within 15 days from the date of commencement of work as per requirements / direction of the Estate officer.
29. All contractors with corporation shall require registration of works under the Building & other Construction work (Regulation of Employment & Conditions of Services) Act 1995, and extension of benefit to such workers under the Act.
30. PWD Circular No. CE/PWD/D&T/Cir./D-140 Dated 20-09-2016 will be applicable.

**Signature of Tendering Contractor**

*Kuldeep Jain*  
**Estate Officer**





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OFFICE OF THE CHIEF ENGINEER, P.W.D. RAJASTHAN, JAIPUR

NO. CE/PWD/PNT/CH/D - 100

Dated 20.03.16

## CIRCULAR

SUB: Additional performance security on un-balanced bids.

A Bid is to be considered un-balanced if the Bid price offered by the bidder is more than 10% lower than the cost worked out as per market rate analysis. For the purpose of determination of additional performance security, current BSR rates shall be considered as the market rates. If the BSR is not revised for the Current financial year then only the market rate analysis is required and it should be uploaded on site before Bid receipt date in accordance with RTPP rules.

If "X" is the scheduled / market price of the work, then additional performance security shall be equal to :-

$0.9 X - \text{Bid amount (Point nine multiplied by X minus Bid amount)}$

The additional performance security will be refundable after satisfactory completion of the work. This Order will be applicable from the date of issue both on Building as well as Road works under taken by the department. It bears approval of Govt. vide MK No.5000/M/PWD/2015 dated 19.09.2016.

(Shiv Lohar Sharma)

Chief Engineer & Adtl. Secy.,  
PWD Rajasthan, Jaipur

Forwarded to the following for information and necessary action Please:

1. PS to Adtl. Chief Secretary, PWD Rajasthan, Jaipur.
2. PS to Secretary, PWD Rajasthan, Jaipur.
3. Chief Engineer PMGSY/NH/Bdg./QC/SS PWD Jaipur.
4. Adtl. Chief Engineer PWD Zone.
5. Superintending Engineer PWD Circle.
6. Executive Engineer PWD Dn.
7. TA-LSR/Bdg./SS/QC/NH/PMGSY, PWD CT's Office Jaipur.

(All)

(Ad)

(M)

(Shiv Lohar Sharma)

Chief Engineer & Adtl. Secy.,  
PWD Rajasthan, Jaipur





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## Prevallage market Rate Analysis

कार्य का नाम :- विश्वविद्यालय परिसर में Rain Water Storage Tanks का निर्माण कार्य।

### Rate Analysis

Sr. No.	Particulars	As Per G Schedule	As per Rate Analysis as per market
		Amount	Amount
		3589701.36	3512068.17

### As Per Market Rate Difference Amount

3512068.17  
{-} 3589701.36  
-77633.19

Rate -77633.19  
3589701.36 .x100= -2.163 % Below 'G' Schedule

*Kuldeep Jain*  
Estate Officer

Maharaja Ganga Singh University,  
Bikaner