



UNIVERSITY OF HYDERABAD
{Establishment by the act of the Parliament in 1974}
Gachibowli, Hyderabad

TENDER SCHEDULE FOR THE WORK OF
Maintenance of Buildings: - "Drilling of 5 No of Bore
well with connected accessories at required
locations" in UoH Campus.
CONTRACTOR

ESTIMATED COST Rs: 20,17,220/-

SANCTION AMOUNT Rs. _____

EMD Rs. 40,344/-

F & A Receipt No. _____ Book No. _____

Time for the Completion of work: 02 months

FROM _____ TO _____

WORK ORDER REFERANCE:

EXPENDITURE CHARGABLE TO:

Bid Submission start date of Tender (Online) : 02.11.2022 Up to 2.30 P.M.

Bid Submission close date of Tender (Online) : 14.11.2022 up to 3.00 P.M.

Bid opening date of Tender (Online) : 15.11.2022 at 3.00 P.M (Technical Bid)

Date of opening of financial bids of technically qualified Contractors will intimate later through Central Public Procurement Portal.



UNIVERSITY OF HYDERABAD
{Establishment by the act of the Parliament in 1974}
Gachibowli, Hyderabad.
University Works Department,
Ph no.040-23132306/040-23101208
E-mail: aet.uohyd@gmail.com

E-TENDER
FOR
NOTICE INVITING TENDER (NIT)

Notice Inviting e-Tender No.	UH/Engg/UWD/2022-23/289
Name of the work	Maintenance of Buildings: - "Drilling of 5 No of Bore well with connected accessories at required locations" in UoH Campus.
Estimated Cost	Rs. <u>20,17,220/- (Exclusive of GST)</u>
Earnest Money Deposit (EMD)	Rs. <u>40,344/- (DD or Bank Guarantee)</u>
Performance Guarantee	3% of the Tendered value i.e Rs. <u>60,516/-</u>
Time Allowed	02 month
Date of start of Bid Submission	02.11.2022 at 2.30 PM
Last date & Time for Submission of Bids	14.11.2022 upto 3.00 PM
Date & Time of Opening of Technical Bids	15.11.2022 upto 3.00 PM
Date & Time of Opening of Finance Bids	Will be intimated to technically qualified bidders in due course of time through Central Public Procurement portal.
Submission of hard copies of EMD	The original EMD should be submitted in the office, University Works Department, University of Hyderabad, Gachibowli, P.O. Central University, HYDERABAD – 500 046 Up to 2.30 PM on 15.11.2022

Sd/-
UNIVERSITY ENGINEER I/C

UNIVERSITY OF HYDERABAD
University Works Department

Item Rate Tender Contract for Works

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Signature of the Contractor

FORM 'J'

UNDERTAKING

I/We undertake and confirm that our firm/partnership firm has not been blacklisted by any state/central departments/PSUs/Autonomous bodies and the last 7 years of its operations. Further that, if such information comes to the notice of the department then I/we shall be debarred for bidding in University of Hyderabad in future forever. Also, if such information comes to the notice of University of Hyderabad on any day before date of start of work, the Engineer-in-charge shall be free to cancel the agreement and to forfeit the entire amount of earnest money Deposit/Performance Guarantee.

If further solemnly declare that all the certificates are true to the best of my knowledge.

Signature of Bidder(s) or an authorized Officer of the firm with stamp

Signature of the Contractor

Check list for Technical eligibility of Tender

SI No	Doc Ref	Description of the Document	Enclosed Yes/No	Remarks
1	NIT Para No 1 Registration of Contractors	CPWD/MES/BSNL/Railway/State PWD(B&R) Autonomous bodies or undertakings.		
2	NIT Para No 1 Eligible Contractors/	Date of validity of enlistment		
3	Details of works completed during last 7 years (Detailed statements to be enclosed)	Not less than 40 % of estimated cost (Three Similar works)		
		Not less than 50 % of estimated cost (Two Similar works)		
		Not less than 80 % of estimated cost (One Similar works)		
		(Details of works on which contractor meets specified eligibility criteria)		
4	As per the NIT	The tenderer shall have to furnish an undertaking in prescribed format. (form J)		
5	Annual turnover.	30% of the estimated cost.		

Signature of the Contractor

Details of the Contractor

S.No.	Particulars	
1	Name of the Firm	
2	Name of the Contractor	
3	Contractor Details	
(a)	Mobile	
(b)	E-Mail id	
4	Name of the Bank	
5	Name of the Branch	
6	Account No. (prefix with zeros, if any as given on the cheque book/pass book) {please attach cancelled cheque}	
7	IFSC Code of the Branch	
8	MICR Code	
9	PAN No.	
10	GST No.(if applicable)	

Signature of the Contractor

GENERAL GUIDELINES

1. This book of “General Conditions of Contract” is applicable to both types of tenders i.e.” Percentage rate tenders and Item rate tenders”. Accordingly, alternative provisions for conditions Nos. 4, 10 & 12 of the General Rules and Directions are given in this book. The appropriate alternatives will be applicable in specific cases depending on whether this is used for percentage rate tender (CPWD-7) or item rate tender (CPWD-8).

2. CPWD-6, Schedules A to F, special conditions/specifications and drawings only will be issued to intending bidders. The HCU-GCC 2016 form will not be issued along with the Tender Documents but the same shall form part of the agreement to be drawn and signed by both parties after acceptance of tender. The HCU-GCC 2016 can be accessed and downloaded from website www.uohyd.ac.in

3. All blanks are confined to Notice Inviting Tender (CPWD-6) and Schedules A to F.

4. Authority approving the Notice Inviting Tenders (NIT) shall fill up all the blanks in CPWD-6 and in Schedules B to F before issue of Tender Papers.

5. The intending bidders will quote their rates in Schedule A (Schedule of quantities in CPWD Form 3)

6. The proforma for registers and Schedules A to F are only for information and guidance. These are not to be filled in the Standard Form. The Schedules with all blanks, duly filled, shall be separately issued to all intending tenderers.

Signature of the Contractor

Method of Tender Application, Tender Submission and Tender Opening

The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of submission of all the required documents as per NIT.

The following Technical and Finance bid documents shall be upload simultaneously with scanned copies in e-procurement web site. The tender documents may also be seen at University of Hyderabad website-www.uohyd.ac.in

(A) Technical bid documents

- 1) The EMD of 2% of estimated cost should be drawn in favor of “ Finance Officer, University of Hyderabad” either in form of fixed deposit receipt of a bank/demand draft/banker check of a scheduled bank. The original EMD shall be placed in Envelope-1 and closed using suitable adhesive and shall be dropped in the Tender box before the bid opening date and time. The scanned copy of EMD shall be uploaded on the web site. Bids submitted along with EMD in the prescribed form shall be considered for further evaluation of eligibility Criteria. Bids submitted without EMD shall be summarily rejected. The Technical Bid of **SSI/MSME/PSU/** (Central & State) **are not exempted** from submission of EMD and transaction fee for tender processing. Purchase preference for **SSI/MSME/PSU** shall not be provided for this tender. The Technical bid shall contain all the documents scanned and uploaded in the concerned web site, based on which the bidder claim to be eligible as per eligibility criteria prescribed in NIT. Any discloser of finance bid in the technical bid documents will lead to summary rejection of bid.
- 2) Work experience certificates as per Eligibility criteria.
- 3) Contract registration certificate registered under State or Central Govt Departments or state/central autonomous bodies undertaking.
- 4) PAN card & GST Registration Certificate.
- 5) Latest TDS certificates for consecutive 3 years.
- 6) Latest 3 years Turn over certificate.
- 7) Undertaking as per Form “J”.
- 8) Other necessary documents as per Tender documents.

On the due date of opening, the Technical bid of those tender who furnished valid EMD will only be opened. On opening of Technical bid, further detailed scrutiny/evaluation will be carried out. During the evaluation of techno commercial bids, the documents furnished by the tenderers will be scrutinized in detail. Any tender, found as not fulfilling the eligibility criteria will be rejected at this stage and such offers will not be considered for further processing. The price bid of only those tenderers who have been qualified during the scrutiny and technical evaluation will be opened separately on a specified date (with due intimation to the qualified bidders) and further processed, as per tender procedure/stipulations.

Signature of the Contractor

Eligibility Criteria and Notice Inviting tender:

(1) The contractor shall be a registered contractor and should produce definite proof of appropriate class registered by state or central government departments or state/central autonomous bodies or undertakings.

(2) Experience Criteria (Eligibility criteria for participation in tendering).

Estimate Cost for the work is Rs. **23,80,319/-**

(a) Bidders should have satisfactorily completed during last 7 years ending 31.03.2022.

(i) One similar completed work costing not less than 80% of Estimated cost i.e Rs. **19,04,255/-**

(OR)

(ii) Two similar completed work costing not less than 50% of Estimated cost i.e. Rs **11,90,159/-**

(OR)

(iii) Three similar completed work costing not less than 40% of Estimated cost i.e Rs. **9,52,127/-**

Self-Attested copies of experience certificates are to be submitted.

(3) Only work completed and certified by competent authority of the organization will be accepted as experience certificate. Certificate not issued in name of bidder (Contractor) or issued by an authority not competent to issue such certificate will not be accepted.

Mere work order or purchase order etc issued will not qualify for experience.

(3a) The copies of relevant certificates of income tax/IT returns, PAN Card, GST register certificated should accompany to the technical bid.

(4) The contractor who were penalized under clause No (2) of General Conditions of Contract during the last one year in UoH campus works will be disqualified and their technical /Financial bids will not be accepted.

(5) Should have had average annual financial turnover not less than Rs. **7,14,095/-** i.e., 30% of the estimated cost of the work during the last three years ending **31st March 2022.**

(6) To become eligible for issue of tender, the tenderer shall have to furnish an undertakings, as per form 'J' of the NIT.

Signature of the Contractor

(7) Agreement shall be drawn with the successful tenderer in the prescribed Form No. CPWD 7/8 which is available in the University of Hyderabad website.

Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

(8) The time allowed for carrying out the work is **02 months** from the date of start as defined in clause 5 Scheduled “F” or from the first date of handing over of the site, whichever is later, in accordance with phasing if any indicated in the tender document. The site shall be made available as and when required for execution of work.

(9) Tenders shall be accompanied with Earnest money of 2% of estimated cost put to tender/fixed deposit receipt of a scheduled bank/demand draft/banker check of a scheduled bank issued in favour of Finance Officer, University of Hyderabad payable at Hyderabad.

(10) The Bidder/contractor, whose tender is accepted, will be required to furnish performance guarantee of 3% (Three Percent) of the tendered amount (including the EMD amount) within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at Call receipt of any scheduled bank/Banker’s cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank in accordance with the prescribed form.

In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule “F” including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

(11) The description of the work is as follows: Copies of other drawing and documents pertaining to the works will be open for inspection by the tenderers at the office of above mentioned officer. Tenderers are advised to inspect and examine the building and its area surroundings and satisfy themselves before submitting their tenders. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, required for executing the work unless otherwise services provided for in the contract documents.

Submission of a specifically electricity access, facilities for workers and all other 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.

Signature of the Contractor

(12) The competent authority on behalf of the University of Hyderabad does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of 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.

(13) Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

(14) The University Engineer on behalf of the competent authority of 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.

(15) No Engineer of Gazette rank or other Gazetted 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.

(16) The tender for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of tenders/Ninety days from the date of opening of financial bid. If any bidder 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 Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

Signature of the Contractor

(17) The Contractor should furnish the contact telephone/cell phone numbers of self and their supervisor's to the institute. The normal working hours shall be from 9.00 am to 5.30 pm on all seven days of the week but if required, the Contractor should execute the works beyond the normal working hours/ as per the requirement of the institute.

(18) contractor liability for damage caused during installation work and imperfections; if the contractor or his / her workmen or servants shall break, deface, injure or destroy any part of the building in which they may be working or building road, fence, enclose, water pipe,cable,drain, electric or telephone posts or wires, trees, grass, or grasslands or any technical Equipment in the premises on which the work or any part of it as being executed, or if any defect, shrinkage or other faults appear in the work the contractor shall make good at his/ her own expense, or in default, the indenter may get the same rectified and deduct the expense from any amount that may be than due or at any time thereafter may become due to the contractor.

(19) The notice inviting Tender shall form part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

- a. The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, Clarifications if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
- b. Standard C.P.W.D. Form 7/8

(20) Time and Quality are the essence of this work and to ensure the same each R.A bill shall accompany timely, Quality, Quantity certificate and the same shall be ensured by the University Engineer.

(21) GST invoice form should be filled and submitted along with the bill.

(22) The Labour engaged and working equipment brought by the contractor for the work shall be recorded in the UoH Security main gate before entering in to the premises and obtain necessary gate pass.

Signature of the Contractor

Percentage Rate Tender, Item Rate Tender & Contract for Works

(A) Tender for the work of: "**Drilling of 5 No of Bore well with connected accessories at required locations**" in UoH Campus.

(B) (i) To be submitted by _____ up to 2.30 P.M.

_____.

(ii) To be Opened in presence of tenderers who may be present at 3.00 P.M Hyd. On _____ in the office of the

Executive Engineer, University Works Department, University of Hyderabad

Issued to N/A

Signature of officer issuing the tender Documents:

Designation N/A

Date of Issue _____

Signature of the Contractor

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the University of Hyderabad within the time specified in Schedule „F“ viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for ninety (90) days from the due date of its opening / ninety days from the date of opening of financial bid and not to make any modification in its terms and conditions. A sum of Rs. _____ is hereby forwarded in DD / Bankers Cheque / deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank issued by a scheduled bank in Favour of 'Finance Officer, University of Hyderabad' as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said University of Hyderabad, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that University of Hyderabad in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in University of Hyderabad in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Project In-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

Signature of the Contractor

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 State.

Dated:

Signature of Contractor

Witness:

Address:

Postal Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of the University of Hyderabad for a sum of Rs. _____
(Rupees _____). The letters referred to below shall form part of this contract agreement:-

- (a)
- (b)
- (c)

University Engineer

Signature

.....

Signature of the Contractor

PROFORMA OF SCHEDULES

(Separate Performa for Civil, Elect. & Hort. Works in case of composite Tenders)
(Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'

Schedule of quantities (as per CPWD-3)

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
	Nil	Nil	NA	NA

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.No.	Description	Hire charges per day	Place of Issue
1	2	3	4
	Nil	NA	NA

Signature of the Contractor

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any.: Particular Specifications and Tender Conditions attached

SCHEDULE 'E'

Reference to General Conditions of contract: HCU-GCC-2016

Tender for the work of: "**Drilling of 5 No of Bore well with connected accessories at required locations" in UoH Campus.**

Estimated cost of work : **Rs.20,17,220/-**

- (i) Performance Guarantee: 5% of tendered value (Including EMD)
- (ii) Security Deposit : 10% of tendered value

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS: Officer inviting tender:
Engineer-in-Charge/E.E/U.E

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3:

See below Definitions:

2(v) Engineer-in-Charge/E.E is referred to University Engineer or any other Engineer so designated having overall supervision and charge of the execution of the work and who shall sign the contract on behalf of University of Hyderabad.

2(viii) Accepting Authority is the V.C, University of Hyderabad

2(x) Percentage on cost of materials and Labour to cover all overheads and profits : 15%

2(xi) Standard Schedule of Rates is DSR : 2021
: U.W.D , UOH,
HYDERABAD

2(xii) Department

9(ii) Standard HCU Contract Form GCC 2016, HCU Form 7/8 modified & Corrected up to 2021

Signature of the Contractor

Clause 1

(i) Time allowed for submission of Performance Guarantee from The date of issue of letter of acceptance . 07.....Days

Clause 2

U.E

Authority for fixing compensation under clause 2 is

Clause 2A

Whether Clause 2A shall be applicable

No

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start.....

14 days

Mile stone(s) as per table given below:-

S.No	Description of Milestone	Time allowed in days(from date of start)	Amount to be with-held in case of non-achievement of mile stone
1	25% agreement value	One fourth of time allowed for completion.	in the event of non-achieving the necessary progress as assessed from the running payments. 2.5% of tendered value of work will be withheld for failure of each milestone.
2	50% agreement value	One half of time allowed for completion.	
3	75% agreement value	Three fourth of time allowed for completion.	
4	100% agreement value	Full period of time allowed for completion.	

Time allowed for execution of work.....One Month.....

Authority to decide:

(i) Extension of time

: Engineer-in-Charge/E.E

(ii) Rescheduling of mile stones

: Engineer-in-Charge/E.E

Signature of the Contractor

Clause 6 / 6A

Clause applicable - (6 or 6A)

:

6

Clause 7

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such Payment for being eligible to interim payment

Rs: Total Tender Amount X0.75

No. of months for completion of work

Clause 10A

List of testing equipment to be provided by the contractor at site lab.

- 1 2. 3.....
4 5. 6.....

Clause 10B(ii)

Whether Clause 10 B (ii) shall not applicable Yes

Clause 10 (C) : Whether applicable or not? Yes

Clause 10 (CA): Whether applicable or not? No

Clause 10 (CC): Whether applicable or not: No

Signature of the Contractor

Clause 12

12.2. & 12.3 Deviation Limit beyond which clauses

12.2 & 12.3 shall apply for building work..... Unlimited

12.5 Deviation Limit beyond which clauses

12.2 & 12.3 shall apply for foundation work Unlimited

Clause 16

Competent Authority for deciding reduced rates. Engineer-in- charge

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:-

- 1. 2..... 3.
- 4. 5.
- 6. 7..... 8.

Clause 25

Constitution of Dispute Redressal Committee (DRC)	Competent Authority to appoint DRC
DRC shall constitute of one Chairman and two members	University Engineer

Signature of the Contractor

Clause 36 (i)

Requirement of Technical Representative(s) and recovery Rate

Minimum Qualification of technical representative	Discipline	Designation (Principal Technical/ Technical Representative)	Minimum Expenditure	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
					Figures	Words

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Clause 42

(i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2016 printed by C.P.W.D.

(ii) Variations permissible on theoretical quantities:

(a) Cement

For works with estimated cost put to tender not more than Rs. 5 lakh. 3% plus/minus.
For works with estimated cost put to tender more than Rs.5 lakh. 2% plus/minus.

(b) Bitumen All Works 2.5% plus & only & nil on minus side.

(c) Steel Reinforcement and structural steel sections for each diameter, section and category 2% plus/minus

(d) All other materials. Nil

Signature of the Contractor

28 SPECIALISED AGENCIES

28.1 CIVIL

1. Water proofing compound :oproof/impermo/scott
no.1/Duroseal/Excot/Pidilite/Cico/
Sikka/Fosroc.
2. Pressed steel frames for doors, : a) M/s. Diwni Door System
Steel windows/ventilators b) M/s. Roshini Steels Pvt.Ltd.
c) M/s. Elegant Products Ltd.
3. Sections of Aluminum doors/ :
Jindal/Crown/Jyothi/Prestige/Mowjee/Garg. Partitions etc.
4. Aluminium anodized fittings : Crown/Jindal/Jalal/ESS & ESS
5. Steel doors/Widows/ :
Crown/Jyothi/Prestige/Shalimar/Classic/Argent.
Ventilator and fittings
6. Flush doors/plywood shutters : Anand/Kitply/Novapan/Deco/Mysore Chip
Board.
7. Glazing : Modi Guard. Hindustan St.Gobain
8. Door closers, Floor springs : Everite /any ISI mark
9. Paint and Distempers : Asian,Nerolac
10. Waterproof cement : Snowcem India Ltd./Berger/Asian/ Durocem
11. Paint wood/ Steel Primer : Jenson Nicholson (Dorocac)/ (Apcolite)
Asian/ Shalimar synthetic enamel paint (superlac) Berger (Luxol)
12. Ceramic glazed tiles : Nitco/Kajaria/Johnson/Regency
13. Reinforcement : SAIL, Visaka/ Tisco, Rashtriya Ispat Nigram
14. Cement : A.C.C, L & T, Birla, C.C.I
15. Structural Steel : TATA/JINDAL/ SAIL / ISPAT NIGAM

Signature of the Contractor

28.3 ELECTRICAL

1. L.T. Power Cable : Finolex/ Universal/ Fort Gloster/ Polycab
2. H.T. XLPE Cable : Universal/Polycab/Havells/Gloster/RPG
Asian
3. Multi stand flexible copper wires: Fire retardant finolex/Anchor/Havells/Polycab.
4. Modular switch, socket power : TOYONA (Accura) Anchor (Roma)
Socket TV Telephone Socket
5. Modular piano type switch : TOYONA (Accura) Anchor (Roma)
6. Fan regulators : TOYONA (Accura)
7. Cable Glands : Comet / Jainson
8. Cable lungs copper : Dowells/ Jainson
9. L.T.Switch Gear & MCCB :Schneider/MDS/Semiens/C & S
10. MCB's/RMCB's etc. : Protec/ MDS/Semiens/C & S
11. Protection Relays : Alshthom/Segc/Telimachine
12. Panel meters 96 sqm(Digital) : Enercon/Neptune
13. Panel meters 144 sqm(Analong) : AE/MECO
14. Indication lamps led type/ : Binay/Schnieder
Push buttons
15. Sector Switches : Kaycee/Salzer/TOYOMA (Accura)
16. Distribution Boards : Protec/MDS
17. PVC pipes : Sudhakar/Finolex/Mercury
18. PVC Fittings : Prime/Mercury
19. Tube light fitting : Crompton/Philips/Bajaj
20. Switches/sockets : Anchor (Rona),TOYOMA (Accura)/ Bajaj
21. Electronic Fan regulators : Anchor (Rona),TOYOMA (Accura)
22. Telephone wires : Mazda
23. T.V.Wire : Finolex/Anchor
24. CFL Lamps & Fittings : Bajaj/Philips/Crompton
25. Ceiling fans : Crompton/Bajaj/Orient/Usha
26. Exhaust fans : Crompton/GEC/Khaitan
27. Sodium vapor lamps & fittings : Bajaj/Philips/Crompton
28. Energy meter : Havells/ L & T/ECE
29. Transformers : Kirloskar. Crompton Grieves/
Indotech/Alstom/PETE
30. Vacuum circuit breakers : Bieccola wire/ Alshthom/CG
31. Cubical Electrical panels/ : Any fabrication with CPRI approved and ISO 9002
Bus ducts/Generator Panel certification company/ Manufacturer.

28.3 SANITARY AND WATER SUPPLY

1. G.I Pipe : 'B' Class TATA/ Jindal, QST
2. G.I. Fitting : 'R' Brand / HB Brand/ Jindal
3. C.I. Soil, Waste Pipes : Neco/Shakti/Kartar/BIC/HEP/Indelpipe
4. SWG pipes : Indo Pipes/Kiran
Potteries/Khandelwal/Ceramics/ Navodaya
Ceramic.
5. Gun metal gate valves : Leader, Zolota of ISI marks, Neta, Hawa
6. Sanitary Fixtures : Parryware/Nycer/ Rasi
7. Flush Tank : Hindware-sleek/ Parryware (slimline)
8. C.P.Fittings : ESS-ESS Acco/ plumber/Jaguar
9. Vitreous Chania Sanitary Ware :
Parryware/Hindware/Seabird/Khodiya/Orient (Coral)
10. Brass Pillar taps : Kingstone/ Gem/ Techno/ Parko
11. PVC Fittings : Prayag of ISI mark
12. Low Density High Density : Finolex/Prince/Supreme/Sudhakar
Polythene pipe
13. Water Storage Tank : Electroplast/Sintex
14. PVC waste pipe : Kohinoor/ Norway

29.Solar Power Works : BHEL/TATA/BEL/EMVEE

Special Conditions for Bore Well Work:-

- 1 Drilling operations shall be started and carried out in the presence of JE/AE/EE.
- 2 All the casings are to be placed in position in presence of JE/AE/EE. Casings are to be considered as hidden items as per CPWD, Manual all to be certified by competent authority.
- 3 After completion of drilling up to the reaching of Acquifer, further drilling as ordered by Engineer-In-Charge shall be carried out. The water discharge shall be measured using a V-notch.
- 4 The contractor should get the withdrawal of bore-rings in presence of JE/AE/EE and UE. The number of length of drilling Rods shall be counted to arrive at the depth of drilling.
- 5 Drilling should be carried out as such timings are not to cause in-convenience to the surrounding resident's / students.
- 6 The submersible pumps along with HDPE pipe, cable, power cable etc., should be dropped in the bore well in the presence of JE/AE/EE/and UE.
- 7 The pipe line from Bore well to the UG Sump, power shown by AE(E)-I & AE (E)-II G.L with power concrete benching /launching as per CPWD specifications mentioned in the item.
- 8 Armoured power cable shall be drawn from the LT panel shown by AE (E)-I &AE (E)-II. Armoured cable shall be laid below G.L as per specification and route Markers of LT cable shall be shown along the cable path by proper embedding.
- 9 The inter connections are to be made as directed by AE(E)-I or AE(E)-II as required.

Name of work: - "Maintenance of Buildings:-"Drilling of 5 No of Bore well with connected accessories at required locations" in UoH Campus.

SCHEDULE OF QUANTITIES

Sl.No	DSR No	Item Description	Qty	Units	Estimated Rates without GST	Estimated Amount without GST	Basic Rate in Figures to be entered by the Bidder without GST	Add: GST (%)	Total Amount without GST	Total Amount with GST	Total Amount with GST in words
<p>1) The estimates amount is exclusive of GST.</p> <p>2) The bidder should quote basic rates exclusive of GST and quote GST percentage separately; GST should be revised from time to time.</p>											
1	MR	Digging of bore well of 6 ^{1/2} dia with Hydraulic Rig vertically in the ground (For 5 Boewells)									
	a)	1 Feet to 100 Feets (5x100')	500	per feet	70.00	35,000.00					
	b)	101 Feet to 200 Feets (5x100')	500.00	per feet	80.00	40,000.00					
	c)	201 Feet to 300 Feets (5x100')	500.00	per feet	100.00	50,000.00					
	d)	301 Feet to 400 Feets (5x100')	500.00	per feet	120.00	60,000.00					
	e)	401 Feet to 500 Feets (5x100')	500.00	per feet	150.00	75,000.00					
	f)	501 Feet to 600 Feets (5x100')	500.00	per feet	180.00	90,000.00					
	g)	601 Feet to 700 Feets (5x100')	500.00	per feet	220.00	1,10,000.00					
	h)	701 Feet to 800 Feets (5x100')	500.00	per feet	260.00	1,30,000.00					
	i)	801 Feet to 850 Feets (5X 50')	250.00	per feet	310.00	77,500.00					
		Transport & Labour Charges (5x4000)	1.00	Ls	20000.00	20,000.00					

Signature of the contractor

2	MR	Supply and fixing of PVC casing of 7" dia 6 1/2"Bore well (5 bore wells X 75 feet) Make: Sudhakar / Nandi	375.00	per feet	450.00	1,68,750.00					
3	MR	Supply and fixing of PVC casing of 10" dia 6 1/2"Bore well (5 bore wells X 15 feet) Make: Sudhakar / Nandi	75.00	per feet	700.00	52,500.00					
4	MR	Supply and fixing of HDPE pipe of 50mm dia, not less than 12.5 Kg/cm2 for bore well pump set tube well including all accessories etc., complete as required. (5 bore wells X 240 Mtrs) Make: Sudhkar / Nandi	1200.00	rmt	211.86	2,54,237.29					
5	MR	Supply and fixing of 3 Core X 4 Sqmm under water 3 core cable for submersible pump set including jointing and connections sq.cable. (5 bore wells X 250 Mtrs) Make: Polycab/Finolex	1250.00	rmt	183.05	2,28,813.56					
6	MR	Supply and fixing of 5 HP, capacity 32 stages 3 phases submersible pump and motor of 4" inches dia complete as required. Make: CRI/Texmo/KSB	5.00	each	49692.37	2,48,461.86					
7	MR	SITC of Outdoor control panel with inbuild DOL starter, single phasing protection, Auto-start feature with MCB & metal stands provided as legs etc as required. Model:- MaK-1 MCB	5.00	each	9116.95	45,584.75					

Signature of the contractor

8	MR	Supply and laying of 4 coreX 10 sqmm Aluminium conductor pvc insulated armoured UG cable including excavation and providing of protecting covering and refilling the trench etc complete as required. (5 bore wells X 120 Mtrs) Make : Finolex/Polycab.	600.00	rmt	287.29	1,72,372.88					
9	MR	Supply and laying of HDPE pipe of size 40 mm dia 10 kg/ cmsq. (5 bore wells X 120 Mtrs) Make: Sudhakar/ Nandi.	600.00	rmt	185.59	1,11,355.93					
10	18.13	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :									
	18.13.1	25 to 40 mm nominal bore	10.00	each	641.61	6,416.10					
11	18.19	Providing and fixing gun metal non-return valve of approved quality (screwed end) :									
	18.19.3	40 mm nominal bore									
	18.19.3 .1	Horizontal	5.00	each	690.72	3,453.60					
12	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :									
	18.17.3	40 mm nominal bore	10.00	each	599.41	5,994.07					

Signature of the contractor

13	MR	Ground water investigation point (one point)	5.00	each	6355.93	31,779.66					
						20,17,219.70					

Total Amount in Figures

Quoted Rates in Words

Signature of the contractor

**Sd/-
University Engineer i/c**