

Chanakya National Law University

Nyaya Nagar, Mithapur, Patna-800001, Tel. No. +91-612-2352300, Fax No. : +91 -612-2352315

Website: <https://www.cnl.u.ac.in>, E-mail: registrar@cnlu.ac.in

NIT No.-54/2024-25

Date: 14.02.2025

E-TENDER NOTICE

Through e-procurement mode only <https://eproc2.bihar.gov.in>

Chanakya National Law University invites E-Tender in two bid system (Technical and Financial) for execution of work of Landscaping & Green Development of Open Area under University Campus.

1.	Name of the Work	:	Execution of work of Landscaping & Green Development of Open Area under University Campus.
2.	Estimated Cost	:	Rs. 1,48,70,339/- (Rs. One Crore Forty-Eight Lakhs Seventy Thousand Three Hundred Thirty-Nine)
3.	Cost of Document (Non-Refundable)	:	10000/- (Ten Thousand)
4.	Earnest Money Deposit	:	298000/- (Two Lakh Ninety-Eight Thousand)
5.	E-Tender Processing Fee	:	As per Eproc2 website
6.	Time of Completion	:	120 Days
7.	Bid Start Date	:	From 14.02.2025.
8.	Date of Pre-bid meeting	:	18.02.2025 (Offline) at the Chamber of Registrar, CNLU, Patna at 02:00 p.m. to 05:00 pm.
9.	Last Date & Time for Uploading of Bids	:	01.03.2025. till 02:00 pm.
10.	Date & Time of Opening of Technical Bids	:	01.03.2025 at 02:30 pm.
11.	Date & Time of Opening of Financial Bids	:	Will be intimated later
12.	Place of Opening of Bid	:	Registrar's Chamber
13.	Periods of Bids Validity	:	120 days
14.	Officer inviting Bids	:	The Registrar, CNLU, Patna.
15.	For participation in E-tendering proc. The contractor shall have to get themselves registered to get User ID, Password & Digital Signature. This will enable accessing the website https://eproc2.bihar.gov.in & download / Participate in E-Tender.		
16.	The tender document can be obtained through our website https://eproc2.bihar.gov.in & https://www.cnl.u.ac.in		
17.	(i) Bid Processing Fee to be paid through online mode i.e., Internet payment gateway (Credit/Debit Card), Net Banking, NEFT/ RTGS. (ii) Bids along with necessary online payments must be submitted through e-procurement portal https://eproc2.bihar.gov.in before the date & time specified in the NIT. (iii) The department does not take any responsibilities for the delay /Non availability of internet connection, Network Traffic / Holidays or any other reasons."		
18.	Bid Document cost should be paid as per https://eproc2.bihar.gov.in		
19.	Earnest Money Deposit (EMD) shall have to be paid through e-payment.		
20.	The authority shall have to right to reject the bid without assigning any reason what so ever. For any information department Contact No. 0612-2352300 may be used.		
21.	For queries and clarifications, if any send e-mail to registrar@cnlu.ac.in		
22.	For support related to the e-tendering process, bidders may contact "e-procurement HELP DESK, mjunction services limited RJ Complex, 2 nd Floor, Canara Bank Campus, Khajpura, Ashiana Road, P.S. –Shastri Nagar, Patna-800014, Bihar, Contact No. 18005726571.		

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1. Scope of work:

i) The scope of work will be as per the work description mentioned in **Annexure-II**.

2. Eligibility Criteria: Bidder having the below mentioned documents shall be eligible for participating in this tender. List of documents are as mentioned below:

- i) The tenderer must have completed single work of value **Rs. 75 Lakh** or more within time. Scan copy of completion certificate issued by Executive Engineer / Equivalent or above rank officer to be attached.
- ii) Annual Turnover of the tenderer in similar work should not be less than **Rs. 75 Lakh** in any one year in last three financial year i.e., 2021-22 to 2023-24.
- iii) Duly signed & stamped scan of document in which Name of the Firm, Address with contact number, FAX, E-mail of the Firm and Firm's Bank Account Details with Bank Name & Address and IFSC / RTGS codes mentioned.
- iv) Scan of PAN card (in name of Proprietor in case of Proprietorship Firm) & GST certificate
- v) Scan of Affidavit as per Annexure-I
- vi) Scan of up-to-date Labour License
- vii) Scan of EPF Certificate
- viii) Scan of ESI Certificate
- ix) Scan of valid Character certificate of bidder issued from office of the Superintendent of Police.
- x) Scan of updated valid registration certificates of Class-I & II with works department of State Government for the above works. Bidders are registered under Central Government / authorised agency may participate in this bid but they will have to get themselves registered with work department of State Government after issue of letter of acceptance and before agreement.
- xi) Scan of Experience Certificate for Landscaping work of at least 4500 Sqm. (Which should be issued by an officer of at least Executive Engineer rank of works department of State of Bihar or equivalent).
- xii) Scan of Single work (Building) order and agreement of similar work not less than the amount equal to **Rs. 75,00,000/- (Rupees Seventy-Five Lakhs)** during the last three financial years (from 2021-2022 to 2023-24) with Scan copy of satisfactory work completion certificate issued by Central or State Government or National Level Organisation.
Scan of Audited balance sheet and Profit & Loss Account for the financial years 2021-22, 2022-23 and 2023-24.
- xiii) Scan copy of Income Tax Return of last three financial year i.e., 2021-22 to 2023-24.
- xiv) Scan of the receipt of deposit through NEFT / RTGS for EMD.
- xv) Scan of the receipt of deposit through NEFT / RTGS for Cost of Document.

3. Terms and Conditions:

- i) Tender document shall not be acceptable through post, courier or any offline mode. Interested bidders are advised to submit the bid only through our e-Tendering portal.
- ii) Scanned documents as mentioned in Eligibility criteria is mandatory. Bidder should upload all the scan of Genuine documents otherwise their technical bid shall be declared non responsive.

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- iii) Original document of Affidavit as per Annexure-I should be submitted by bidder during opening of Technical Bid.
- iv) Bidder or their authorised representative should remain present during the Pre-Bid meeting and at the time of opening of Technical Bid and bidders whose technical quotation is declared responsive should remain present at the time of opening of Financial Bid. No complaint shall be entertained on this count, if the tenderers are not present on these date and time.
- v) The price will be remain firm and fixed during the pendency of contract. It will not vary on any account including revision of taxes, imposition of new tax or any contingency whatsoever.
- vi) **EMD Cost: Rs. 298000/- (Rs. Two Lakhs Ninety-Eight Thousand)** and should be submitted through e-payment mode.
Scan of the receipt of depository should be uploaded on our e-tendering portal while submitting the bid.
- vii) **Cost of Tender: Rs. 10000/- (Rs. Ten Thousand)** and should be submitted through e-payment mode.
Scan of the receipt of depository should be uploaded on our e-tendering portal while submitting the bid.
- viii) Tender processing fee: As per Eproc2 website.
- ix) Incomplete bid and bid without genuine documents are liable for rejection. No responsibility will be taken for any type of technical glitch while online submission of bid
- x) Notwithstanding anything to the contrary in this document, Chanakya National Law University is not bound to accept the lowest bid and reserves the right to accept or reject any bid, to reject bids for some or all items and to cancel the bidding process at any time prior to the award of contract, without assigning any reason whatsoever.
- xi) University will not provide any residential facility to workers / authorities of successful bidder inside campus. Firm will make temporary shade inside campus. Water and electrical facility for such shade will be chargeable.
- xii) The work is required to be completed within the period mentioned against the works i.e. **within four months**. It will be reckoned from the date of the issue of work order after agreement. If the work is not completed within the stipulated completion period liquidated damages @ 0.5% of agreement value per day of delay will be levied (subject to maximum of 10%). If the liquidated damages reach the level of 10% the agreement value the contract is liable to be rescinded.
- xiii) Work shall be done strictly as per specification and direction of competent authority of CNLU, Patna.
- xiv) Any Suggestions/Clarifications may be put forth in the pre bid meeting or through written letter / e- mail to registrar@cnlu.ac.in up to 18.02.2025 from 02:00 pm to 05:00 pm.
- xv) Dispute, if any, will subject to Patna Jurisdiction only. The decision of Vice-Chancellor, CNLU will be final and binding with both the parties viz: bidder and the University.
- xvi) Price should be quoted in Indian Rupees only. The price will remain firm and fixed during the pendency of Contract and will not be changed for any reason (including revision of taxes & levies whatsoever).
- xvii) All labour laws & regulations are to be followed by the bidder.

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- xviii) The bidder shall be bound to follow the restriction on the movement of labour, materials imposed by any other authority connected with the site due to security or any other reasons connected with the event. No claim shall be entertained on this account.
- xix) The bidder shall take all precautions to avoid accidents by exhibiting necessary cautions boards, lights, flags etc. and ensure that no hindrance is caused to the traffic. Bidder shall be responsible for all damages, accidents, caused due to negligence.
- xx) The contractor shall arrange all tools and plants necessary for the execution of the work at his own cost. Any loss or damage in this case will be to his account.
- xxi) Lowest responsive bidder will be considered on the total amount of bids of the respective work.
- xxii) The contractor under these contracts commits himself to use first class material and assumes full responsibility for the quality of all materials incorporated or brought for incorporation in the work. The work shall be executed in accordance with best engineering practice and as per direction of competent authority of CNLU.
- xxiii) All the excavated materials including debris, loose earth etc., shall be carted away and disposed of as directed by competent authority of CNLU.
- xxiv) Technical officers/Staff deployed by the Contractor / Firm at construction site will also be responsible for inferior quality/Poor performance of any work and their names will be circulated to all works departments to debar them from any other site.
- xxv) All the risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the contract other than the expected risks will be the responsibility of the contractor/ firm.
- xxvi) Any deviation in the material and the specifications from the accepted terms may liable to be rejected. The bidders need to supply all the goods in the specified form to the satisfaction / specifications specified in the order / contract and demonstrate at their own cost.
- xxvii) Chanakya National Law University reserves the right to withdraw / cancel / amend the quotation at any stage without assigning any reason whatsoever.
- xxviii) Additional performance Guarantee is to be deposited as stipulated vide as per letter no.-447(S) dated 16/01/2020 and 449(S) dated 16/01/2020 of Road Construction Department, Government of Bihar.
- xxix) The agency will not have right to claim of compensation in case of any kind of delay made in execution of assigned work.**

4. Amendment of Bid Document:

- i) At any time prior to the last three date for receipt of bids, the Chanakya National Law University, Patna may for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bid Document by an amendment.
- ii) The amendment will be notified through official website of Chanakya National Law University for all the prospective Bidders.
- iii) In order to afford prospective bidder reasonable time in which to take the amendment into account in preparing and submitting their bids online, the University may, at its discretion, extend the last date for the receipt of the bid.

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5. Payment Terms:

Payment will be released after the satisfactory report of competent authority / authorities for successful completion of work after necessary deduction as mentioned hereunder:

- i) **Applicable TDS** will be deducted from the bill of total amount without tax as per the provision of Government of India and certificate for the same will be issue,
- ii) **Applicable amount** will be deducted from total GST

6. Agreement and Performance Security:

- i) Successful bidder will be issued a letter of acceptance. After receipt successful bidder shall enter into the agreement on PWD Form F2 failing which on **Rs. 1,000.00 (Rupees One Thousand) non judicial stamp paper** within (10) **ten working days** from the **date of issue of letter of acceptance**.
- ii) EMD shall be adjusted in amount of performance security. Successful bidder will deposit amount of performance security @ 3% of agreement value, in form of **NEFT / RTGS/ DD** at the time of agreement. Thus, initial Performance security will be @ **5% (Five Percent)** of the agreement value along with additional performance as applicable. Balance 5% of performance security will be deducted from on account running bills. Performance Security will be refundable after **60 days of successful completion of defect liability period i.e., Two Years**. No interest will be payable on the earnest money as well as Performance Securities.

7. (A) Mandatory Technical Specification for all:

- i) **CEMENT** : ACC, ULTRATECH AND LAFARGE OPC/PPC/PSC
Grade-III or equivalent technical specification First Quality.
- ii) **BRICKS** : First Quality. (100A) and other material as per schedule of rates and per ISS specification
- iii) **SAND** : Coarse Sand, Sone, Kiul (2.5 FM)
- iv) **STONE CHIPS** : From Manpur, mirzachauki and Koderma
- v) **PAINT** : Asian, Berger, Dulux or equivalent First Quality
- vi) **Reinforcement** : TATA TISCON, VIZAG, SHYAM (TMTC-500)
- vii) **Soil** : Good Soil for Plantation.
- viii) **Granite** : South Region Granite of Approved Brand
- ix) **Sanitary Works** : CPVC, GI, Fitting WC Trap and accessories of approved brand.
- x) **UPVC** : Chaukhat frame and door Shutter of approved brand.

Horticulture

:

Tree Plants, Shrubs, Plants and Seasonal Plants of approved by CNLU Authority.

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Annexure-I

I / we declare

Declaration by Quotationer on a non-judicial stamp paper of value Rs. 100/-

That my/our company namely

.....

.....has not been black listed by any Government / Non-Government Organisation nor should have any litigation enquiry pending and / or initiated by any of these Department or Court of Law with regards to the works executed by our company since incorporation. No FIR has been lodged against us.

that all the terms & conditions, scope of work & eligibility criteria of NIT No. 54/2024-25 dated 14.02.2025 are acceptable to me / us.

that the documents annexed along-with this tenderer / quotation are genuine and not tampered by me / us while copying.If my / our declaration above found fake or forged then:

- i. my quotation document shall be rejected
- ii. Letter of Intent / Purchase Order / Agreement, if issued, shall be cancelled and
- iii. FIR shall be inflicted against my / our company / firm by the University and the firm /bidder / tenderer shall be blacklisted.

Signature of the Quotationer / Authorized Signatory (Name & Designation)Seal of the Quotationer

Place:

Date:

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Annexure-III

FINANCIAL BID

NIT No.	Description of Works	Estimated Cost	Rate Quoted on Estimated Cost	Above / Below in Percentage
54/2024-25 Dated 14.02.2025	Execution of work of Landscaping & Green Development of Open Area under University Campus.	Rs. 1,48,70,339/-		

Seal & Signature of the Bidder

Chanakya National Law University

Nyaya Nagar, Mithapur, Patna-800001

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
CIVIL WORKS -PART 1						
Part-I (Bihar SOR 2022)						
Earth work						
1	2.6.1	Earth work in excavation over areas (exceeding 30 cm in depth. 1.5 m in width as well es 10 sqm on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed.All Kind of Soil	Cum	911.66	314.9	287081.73
Pile Work						
2	20.2.1	Boring, providing and installing bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring, with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. all complete, including removal of excavated earth with all lifts and leads (Length of pile for payment shall be measured upto bottom of pile cap). 300mm dia pipe	Metre	60.00	902.6	54156.00
3	20.4.1	Extra over single under ream for providing additional bulbs in under reamed piles, under specified diameter(only the nos. of extra bulbs are to be paid) 300 mm dia piles	Each	12.00	1621.6	19459.20
CC and RCC Work						
4	4.1	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.				
4.1	4.1.3	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	Cum	162.04	3998.1	647856.12
5	4.1.8	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level. 1.4.8 (1 Cement :4 coarse sand :8 graded stone agregate 40 mm nominal size)	Cum	2.84	2975.2	8449.57
6	16.64	Providing and laying 75 mm thick compacted bed of dry brick aggregate of 40 mm thick nominal size including spreading, well ramming, consolidating and grouting with jamuna sand, including finishing smooth etc. complete as per direction of Engineer-incharge.	Sqm	2135.80	237.4	507038.16
7	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,	Sqm	354.29	283.3	100370.36

BILL OF QUANTITY (BOQ)

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Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
8	2.28	Supplying and Filling in plinth with local sand and under floors including,watering, ramming consolidating and dressing complete.	Cum	143.12	287.3	41118.38
9	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement-All work upto plinth level				
9.1	5.1.2	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	Cum	27.76	4688.3	130147.21
10	5.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement.				
10.1	5.2.2	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	Cum	2.25	5670	12757.50
11	5.3	Reinforced cement conrete work in beams, suspended floors, roofs having slope upto 15, landings,balconiec, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excludingthe cost of centring, shuttering, finishing and reinforement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size).	Cum	16.51	5335.9	88069.03
12	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete				
12.1	5.22.1.G	Mild steel 12.0/12.7 mm dia	Kg	168.032	96.7	16248.69
12.2	5.22.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	Kg	1757.813	94.5	166113.35
12.3	5.22.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	Kg	756.896	92.6	70088.57
12.4	5.22.7C	Thermo-Mechanically Treated bars TMTC-500-12mm dia.	Kg	1682.42	90.8	152763.59
12.5	5.22.7D	Thermo-Mechanically Treated bars TMT Fe-500-16mm dia.	Kg	745.76	91.7	68386.19
13	5.9	Centring and shuttering including strutting,propping etc. and removal of form for.				
13.1	5.9.1	Foundations, footings, bases of columns etc. for mass concrete	Sqm	465.8735	211.6	98578.83
13.2	5.9.2	Walls (any thickness) including attached pilasters. Butteresses, plinth and string courses etc.	Sqm	16.52	375.1	6196.65
13.3	5.9.6	Columns,Pillars, Piers, Abutments, Posts and Struts	Sqm	181.6	494.4	89783.04
13.4	5.9.21	Lintels, beams, plinth beams, girders, bressumers andcantilevers with water proof ply 12 mm thick.	Sqm	42.192	518.9	21894.43
13.5	5.9.20	Suspended floors, roofs, landings, balconies and access platform with water proofply 12 mm thick.	Sqm	304	544.6	165558.40

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
14	4.11	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4(1cement:2:2 coarse sand :4 graded stone aggregate 20mm nominal size)	Sqm	185.36	245.6	45524.42
		Brick and Painting work				
15	6.1A	Brick work with bricks of class designation 100A in foundations and plinth in :				
15.1	6.1.12/1	Cement mortar 1 :4 (1 cement: 4 coarse sand)	sqm	259.2	5017.9	1300639.68
16	6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum	sqm	39.468	842.2	33239.95
17	13.11	Cement plaster in course sand, 12 mm cement plaster of mix:				
17.1	13..11.2	1:4(1 cement :4 coarse sand)	Sqm	713.41	152.9	109080.39
18	13.13	Cement plaster in course sand, 15 mm cement plaster of mix:				
18.1	13.12.2	1:4(1 cement :4 coarse sand)	Sqm	398.41	176.4	70279.52
19	13.26	Neat cement punning	Sqm	13.5	40.5	546.75
20	13.80 A.2	Providing and applying white cement based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	1148.2	105.4	121020.28
21	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :				
21.1	13.46.1	New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	Sqm	1148.2	137	157303.40
22	13.94.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	Sqm	1154.488	84.5	97554.24
		Steel Work				
23	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete				
23.1	10.16.1	Hot finished welded type tubes	Kg	15950.58	123.9	1976276.86
24	10.32	Steel work welded in built up sections/framed work including cutting hoisting, rixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required.				

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SL.No.	BSR	Item	Unit	Qty	Rate	Amount
24.1	10.32.2	In gratings, frames, guard bar, ladders, railings, brackts. gates & similar works.	Kg	2877.124	114.6	329718.41
		Flooring Work				
25	11.30.1	40 mm thick fine dressed stone flooring over 20 mm (average) thick base with joint finished finish:base 1:5 (1 cement: 5 coarse sand)with joints 3 mm thick, side buttered with cement mortar 1:2 (1 cement : 2 stone dust) admixed with pigment to match the shade of stone and pointing with same mortar. Red Sand Stone	Sqm	1536.09	849.2	1304443.38
26	8.13	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in Charge.				
26.1	8.13.1	Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	Sqm	363.348	3605.2	1309942.21
27	8.3.2	Providing edge moulding to 18 mm thick marble stone counters, vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite	m	435.87	260.1	113369.79
28	7.36	Stone work (machine cut edges veneer work) for wall lining upto 10 m height, backing filled with a grout of 12 mm thick cement mortar 1:3 (1 Cement : 3 coarse sand) and jointed with Cement mortar 1:2 (1 cement : 2 stone dust), including rubbing and polishing complete. (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately) 25mm thick dressing of sand stone in veneer work	Sqm	44.82	2563.8	114909.52
29	7.42	Providing and fixing adjustable stainless steel cramps of approved quality, required shape and size,adjustable with stainless steel nuts, bolts and washer (total weight not less than 260 gms), for dry stone cladding fixed on frame work at suitable location, including making necessary recesses in stone slab, drilling required holes etc complete as per direction of the Engineer-in-charge.	Each	90	265	23850.00

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Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
30	11.4	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete.	Sqm	13.91	1414	19669.00
31	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	44.13	789.9	34855.00
32	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	Sqm	9.00	1638.8	14749.00
33	11.46.2	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.	Sqm	2.40	1191.8	2860.00
34	11.77	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in charge.	Sqm	347.00	721.1	250221.70

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
		Door Window Work				
35	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately)				
35.1	9.1.2	.Sal wood	Cum	0.18	95670.70	16742.37
36	9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters				
36.1	9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	5.04	2845.60	14341.82
37	9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	0.56	401.40	224.78
38	9.7	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :				
38.1	9.7.7.1	Float glass panes 4 mm thick glass pane (weight not less than 10kg/sqm).	Sqm	0.41	1242.40	503.17
39	9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :				
39.1	9.62.1	300x16 mm	Each	4.00	169.00	676.00
40	9.74	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :				
40.1	9.74.1	250x10mm	Each	4.00	369.40	1477.60
41	9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	2.00	108.10	216.20
42	9.81	Providing and fixing bright finished handle with necessary screws etc. complete :				
42.1	9.81.1	125 mm	Each	8.00	202.10	1616.80
42.2	9.81.2	100 mm	Each	2.00	186.90	373.80
43	9.76	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	2.00	639.40	1278.80

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
44	9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	Each	2.00	519.00	1038.00
45	9.53	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	Each	12.00	130.00	1560.00
		Upvc Door				
46	9.117.2	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer in-charge Extruded section profile size 42x50 mm	metre	10.20	251.80	2568.36
47	9.118	Providing and fixing to existing door frames.				
47.1	9.118.3	25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762 mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25 mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places	Sqm	3.78	2450.50	9262.89

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
47.2	9.147D.1	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately) Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.				
47.3	9.147d1.3	Two track two panels sliding window made of (small series) frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 1.75 sqm)	Sqm	6.75	7074.9	47755.575
		Plumbing Work				
		Sanitary Installations				
48	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	Each	1	4470.9	4470.90

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
49	17.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	Each	1	4230	4230.00
50	17.4.1	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	2	3723.2	7446.40
51	17.7.1	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever requireWhite Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Nos.	2	2764.4	5528.80
52	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Nos.	1	1068.5	1068.50
53	17.70	Providing and fixing PTMT Bottle Trap for Wash basin and sink.				
53.1	17.70.2	Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms.	Nos.	4	325.1	1300.40

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
		Water Supply				
54	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Ltr.	1000	9.7	9700.00
55	18.17.2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 32 mm nominal bore.	Each	1	589.9	589.90
56	18.18.2	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :25 mm nominal bore				
56.1	18.18.2	20mm nominal bore	Each	1	397.4	397.40
56.2	18.18.3	25mm nominal bore	Each	1	399.2	399.20
57	18.19.2	Providing and fixing gun metal non- return valve of approved quality (screwed end) :32 mm nominal bore Horizontal	Each	2	677.6	1355.20
58	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of engineer in Charge.Internal work - Exposed on wall.				
58.1	18.7.4	32 mm nominal outer dia Pipes	Rmt.	500	395.2	197600.00
58.2	18.7.5	40 mm nominal outer dia Pipes	Rmt.	5	538.4	2692.00
59	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work , including cutting chases and making good the walls etc.				
59.1	18.8.1	15 mm nominal outer dia Pipes	Rmt.	40	278.2	11128.00
59.2	18.8.2	20 mm nominal outer dia Pipes	Rmt.	5	350.8	1754.00
60	18.53.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore.15mm nominal bore.	Nos	4	500.4	2001.60

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
61	18.51.1	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore.15mm nominal bore.	Nos.	2	708.4	1416.80
62	18.58.1	Providing and fixing PTMT grating of approved quality and colour.Circular type.				
62.1	18.58.1.1	100 mm nominal dia	Nos.	2	33.2	66.40
		Drainage				
63	12.78	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,				
		(i) Single socketed pipes.				
63.1	12.78.2	110 mm diameter	Mtr.	36	258.5	9306.00
64	12.79	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
64.1	12.79.1	Coupler				
	12.79.1.2	100mm dia	Each	1	120	120.00
64.2	12.79.2	Single pushfit Coupler				
	12.79.2.2	110 mm	Each	1	374.6	374.60
64.3	12.79.3	Single tee with door				
	12.79.3.2	110x110x110 mm	Each	1	193.4	193.40
64.4	12.79.5	Bend 87.5°				
	12.79.5.2	110 mm bend	Each	1	132	132.00
64.5	12.79.6	Shoe (Plain)				
	12.79.6.2	110 mm Shoe	Each	1	115.95	115.95
65	19.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
65.1	19.1.2	150 mm diameter	metre	150	464.3	69645.00
66	19.2.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design				
66.1	19.2.2	150 mm diameter S.W. pipe	metre	150	494.4	74160.00
67	19.3	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design :				
67.1	19.3.1	100 mm diameter S.W. pipe	Rmt.	30	192.1	5763.00

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
68	19.30.1	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:Inside dimensions 455x610 mm and 45 cm deep for single pipe line :				
68.1	19.30.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	1	4266.8	4266.80
69	19.31.1.1	Inside dimensions 455x 600 mm and 45 cm deep for pipe line with three or more inlets :With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 extra beyond 45cm if brick masonry chamber	Mtr.	1	3946.2	3946.20
70	19.6	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
70.1	19.6.3	250 mm dia. RCC pipe	metre	25	677.4	16935.00
71	12.43.2	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. (110 mm)				
		PVC clips	Each	6.00	182.72	1096.32
72	19.21	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete				
72.1	19.21.1	For pipes 100 to 250 mm diameter	Each	6.00	375.90	2255.40

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
73	11.33.1	25 mm wooden planking, tongued and grooved in flooring including fixing with iron screws complete .2nd class teak wood	Sqm	2.08	3991.8	8302.94
74	12.48.	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	Sqm	9.00	292.1	2628.90
75	12.49	Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately)	Sqm	0.68	20.5	13.84
	NS	Carraige of material				
76		Coarse Sand (42 KM Koilwar)	Cum	233.86	1194.92	279443.99
77		Stone chips (114Km) Manpur	Cum	169.07	2430.87	410987.19
78		Aggergate	Cum	225.7	2430.87	548647.36
79		Stone	Cum	9.8	0	0
80		Brick	Cum	300.04	958.51	287591.34
81		Local Sand	Cum	84.46	527.57	44558.56
82		Earth	Cum	67.66	411.69	27854.95
	A	Total Cost of Part-I With 12% GST				₹ 1,23,33,288.92
	B	Add 6% GST beyound 12% GST (Multiplying factor- 0.0536				₹ 6,61,064.29
	C	Total (A+B) of Part-I (CIVIL WORKS)				₹ 1,29,94,353.00
HORTICULTURE PART 2A						
		Part-I (Bihar SOR 2022)				
90	23.12	Uprooting rank vegetation and weeds by digging the area to a depth of 60cm, removing all weeds and other growth with roots by forking repeatedly, breaking clods, rough dressing, flooding with water, uprooting fresh growths after 10 to 15 days and then fine dressing for planting new grass, including disposal of all rubbish with all leads and lifts.	100Sqm	62.72	3418.2	214389.5
91	23.2	Supplying and stacking of good earth at site including royalty and carriage for all leads. (earth measured in stacks will be reduced by 20% for payment).	Cum	499	143.5	71606.5
92	23.4.3	Supplying and stacking a' site dump manure from approved source, excluding carriage (manure measured in stacks will be reduced by 8% for payment)Screened through sieve of I.S. designation 4.75 mm	Cum	313.6	315.8	99034.88
93	23.9	Mixing earth and sjudge or manure in porportion specified or directed.	Cum	940.8	20.9	19662.72
94	23.8	Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge (cost of sludge, dump manure and/ or good earth to be paid separately).	Cum	940.8	30.1	28318.08

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
95	23.10.3	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more tili the grass forms a thick lawn free form weeds and fit for mowing including supplying good earth if needed. In rows 5 cm apart in either direction.	100 Sqm	62.72	1027.4	64438.53
96	23.13	Preparation of beds for hedging and shrubbery by excavating 60 cm deep and trenching the excavated base to a further depth of 30 cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one part of stacked volume of sludge or manure after reduction by 8%), flooding with water, filling with earth if necessary, watering and finally fine dressing, leveling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and leveling as directed, within a lead of 50 m, lift up to 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately)	Cum	225.00	126.9	28552.5
	NS	Carraige of material				
97		Earth	Cum	499	411.69	205433.31
98		Stone chips (114Km) Manpur	Cum	20.38	2430.87	49541.13
	D	Total Cost of Part-I With 12% GST				₹ 7,80,977.15
	E	Add 6% GST beyound 12% GST (Multiplying factor- 0.0536				₹ 41,860.38
	F	Total (D+E) of HORTICULTURE (PART 2A)				₹ 8,22,837.53
HORTICULTURE PART 2B						
	DSR	Part II (DSR Horticulture 2020 and NSR Item)				
99	DSR 2.57	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserveiceable material's as per direction of officer in charge (excluding cast of plant & water)				
100	DSR 2.57.1	Tree Plant	Each	92	7.3	671.6
101	DSR 2.57.2	Shrubs Plant	Each	4433	3.65	16180.45
		Tree				
102	Horticulture DSR 2020 7.72	Providing and stacking of Plumeria rubra of height 120-150 cm. with 3-4 branches and thick stem in big size HDPE bags as per direction of the officer-in-charge.	Each	27	65	1755
103	Horticulture DSR 2020 7.50	Providing and stacking of Lagerstroemia flosreginae of height 150-165 cm.in big poly bag of size 25 cm as per direction of the officer-in-charge.	Each	32	120	3840

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
104	Horticulture DSR 2020 7.9	Providing and stacking of Bombax ceiba of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	15	70	1050
105	Horticulture DSR 2020 7.44	Providing and stacking of Foxtail palm of ht. 240-270 cm bottom girth 35- 40 cm well developed in big size HDPE bags as per direction of the officer-in-charge.	Each	18	650	11700
Shrubs						
106	Horticulture DSR 2020 6.12	Providing and stacking of Alpinia Variegated (three in one) having ht. 30 cm and above, with fresh and healthy variegated foliage in 25 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	1481	121	179201
107	Horticulture DSR 2020 8.30	Providing and stacking of Gardenia jasminoides of height 45-60 cm. with 3 4 branches in earthen pots of size 20 cm as per direction of the officer-in-charge.	Each	1120	50	56000
108	Horticulture DSR 2020 8.53	Providing and stacking of Nerium oleander variegated of height 60-75 cm., multibranched in earthen pots of size 25 cm as per direction of the officer-in-charge.	Each	550	60	33000
109	Horticulture DSR 2020 8.63	Providing and stacking of Tabernaemontana coronaria (Chandni single) variegated of height 105-120 cm., multibranched, bushy in big size HDPE bag as per direction of the officer-in-charge	Each	1282	110	141020
Seasonal Plants						
110	Horticulture DSR 2020 4.90	Providing and Displaying Standard Rose (H.T. variety) 3 to 4 healthy branch 90 cm and above ht. well developed with one and above flowers in 25 cm Earthen Pot, as per direction of the officer-in-charge.	Each	120	150.7	18084
111	Horticulture DSR 2020 4.90	Providing and Displaying Marigold jaffri orange/yellow/Russet colour well developed with fresh & healthy foliage with 40 to 50 flowers in bloom specimen plant 60 to 75 cm ht in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	Each	215	150.7	32400.5
112	Horticulture DSR 2020 4.6	Providing and Displaying Asiatic lilly hybrid variety (3 in one) in each pot having in full bloom 3 to 5 flowers 30 to 45 cm ht. well developed in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	Each	475	129.15	61346.25
113	Horticulture DSR 2020 4.49	Providing and Displaying Petunia hybrid different colour single well developed in full bloom in 20 cm Earthen/Plastic Pot and as per direction of the officer-in-charge.	Each	385	43.05	16574.25
114	Horticulture DSR 2020 4.29	Providing and Displaying Dianthus in different colour well developed with fresh & healthy foliage 30 cm ht., in full bloom with stacking in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in charge.	Each	376	54.35	20435.6

BILL OF QUANTITY (BOQ)

Annexure-II

Bill of Quantity for Landscaping & Green Development of Open Area under Campus of Chanakya National Law University, Patna

SL.No.	BSR	Item	Unit	Qty	Rate	Amount
		Ground Cover				
115	Horticulture DSR 2020 6.9	Providing and stacking of Chlorophytum-variegated, full of leafy suckers in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge	Each	3120	20	62400
116	Horticulture DSR 2020 6.31	Providing and stacking of Tradescantia zebrina having in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	1600	20	32000
117	Horticulture DSR 2020 6.12	Providing and stacking of Duranta Golden, having ht.15 to 20 cm bushy shape with fresh and healthy leaves in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge..	Each	900	20	18000
118	Horticulture DSR 2020 6.31	Providing and stacking of Wedelia trilobata,full of leaves in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	985	15	14775
119	Horticulture DSR 2020 6.2	Providing and stacking of Alternanthera species of height 15 cm to 20 cm, full of branches and foliage in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	520	20	10400
120	Horticulture DSR 2020 6.17	Providing and stacking of Iresine herbstii, of height 25-30 cm., full of branches well developed in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge	Each	400	20	8000
121	Horticulture DSR 2020, 2.28	Preparation of mounds of various size and shape by available excavated / supplied earth in layers not exceeding 20 cm in depth, breaking clods, watering of each layer, dressing etc., lead upto 50 meter and lift upto 1.5 m complete as per direction of Officer-in-charge.	Cum	328.08	456.35	149719.31
122	Horticulture DSR 2020, 2.50	Providing & fixing of White River (Stone) Pebbles size of 2" to 2.50" dia in natural colour at site of work including loading, unloading, carriage and all taxes paid etc.and as per direction of officer in charge.	Per Qtl.	6.46	610.7	3945.12
	G	Total Cost Without GST				₹ 8,92,498.08
	H	Add 18% GST				₹ 1,60,649.65
	I	Total (G+H) of HORTICULTURE (PART 2B)				₹ 10,53,148.00
	J	HORTICULTURE (PART 2A)				₹ 8,22,837.53
	K	CIVIL WORK (PART 1)				₹ 1,29,94,353.00
		Grand Total (I+J+K) Cost With				₹ 1,48,70,338.53
		SAY				₹ 1,48,70,339.00

**MUKESH KUMAR
CIVIL ENGINEER**

**REGISTRAR
CNLU, PATNA**

TECHNICAL BID EVALUATION SHEET
Chanakya National Law University, Patna

NAME OF WORK :-

B.O.Q. AMOUNT :-	Rs.											
EARNEST MONEY :-	Rs.											
TIME OF COMPLETION :-												

SL.N O.	PARTICULARS	LAID DOWN CRITERIA AS PER NIT CONDITION	FULL MARKS	EVALUATION CRITERIA	FIRST BIDDER			SECOND BIDDER			THIRD BIDDER		
					PAGE	MARKS OBTAINED	REMARKS	PAGE	MARKS OBTAINED	REMARKS	PAGE	MARKS OBTAINED	REMARKS
A	Name and address of agency												
B	Registration no. & department	Agency must be registered with Govt./State Govt./Undertakings		Mandatory Agency must be registered otherwise bid will be rejected		√			√			√	
C	Sale tax/VAT/GST clearance of Govt. of Bihar	Must possess sales tax/VAT registration & up to date clearance certificate		Mandatory ---do-----		√			√			√	
D	Income Tax clearance	Must quote PAN No.		Mandatory ---do-----		√			√			√	
E	Earnest Money	In the form as specified in N.I.T and required amount.		Mandatory ---do-----		√			√			√	
F	Character Certificate	Must Posses Character Certificate.		Mandatory ---do-----		√			√			√	

Note:-The bidders should necessarily be Responsive on above mentioned Six counts A to F. The bidders found Non-Responsive in any one of the above mentioned Six counts will not be considered for further markings & their Bid will be rejected.

MARKING DETAILS

SL.N O.	PARTICULARS	LAID DOWN CRITERIA AS PER NIT CONDITION	FULL MARKS	EVALUATION CRITERIA		
				Desired distribution		
1	2	3	4	5		
1	Average annual financial turn over of last three years (AATO may be indexed as per norms of bidding documents)	Submit A.T.O of Chartered account ant for last three years	30	i) AATO equal to or above BOQ amount--30	2021-22	2021-22
				ii) AATO equal to or above 70%of BOQ amount--20	2022-23	2022-23
				iii) AATO equal to or above 50% but below 70% of BOQ amount--15	2023-24	2023-24
				iv) AATO equal to or above 40% but below 50% of BOQ amount--10		
				v) AATO equal to or above 25% but below 40% of BOQ amount--5		
				vi) AATO below 25% of BOQ amount--Nil		
				Average A.T.O.after indexation		

SL.N O.	PARTICULARS	LAID DOWN CRITERIA AS PER NIT CONDITION	FULL MARKS	EVALUATION CRITERIA	FIRST BIDDER			SECOND BIDDER			THIRD BIDDER				
					PAGE	MARKS OBTAINED	REMARKS	PAGE	MARKS OBTAINED	REMARKS	PAGE	MARKS OBTAINED	REMARKS		
2	Experience of doing work of similar nature (Similar work shall mean Good Quality, Earth work, RCC Work, Brick Work, Tile Works, Water Supply Works, Plantation Works, Horticulture Works etc.	Must submit details of work done duly certified by the concerned E.E	20	i)If executed single work of similar nature equal to 50% of BOQ amount-20											
				ii)If executed single work of similar nature equal to 40% of BOQ Amount----15											
				iii)If executed single work of similar nature equal to 25% of BOQ Amount----10											
				iv)If executed single work of similar nature below 25% of BOQ Amount----nil											
3	Details of Engineering setup for successful completion of work	Must submit details Engg. Setup with individual affidavit of engineers and Horticulture Specialist	10	i)Engg.setup with one-Deg.holder-one Diploma holder and one Horticulture Specialist+suff. staff--10 on Horticulture Specialist-10											
				ii)Engg. setup with 1-Deg.holder/one Diploma holder+suff. staff--5											
4	Plant and equipment for successful completion of work	i)Automatic batching plant with all equipment. (ii)Conc.mixer with weighing facility. (iii)Steels shuttering & centering more than 2000sft. (iv)Vibrator & water tanker.	10	i)Automatic Batching plant with all equipment--10											
				(ii)Concrete mixer with weighing facility---04											
				(iii)Steel shuttering and centering more than 2000sft--04											
				(iv)Vibrator-----01											
				(v)water tanker---01											
5	Details of financial availability through bank or self	Bank certificate of extending credit facility up to 10% of BOQ amount	10	i)credit facility certificate given by Indian Bank upto 10%of BOQ amount----05											
				(ii)Self declaration----05											
				(iii)No Self declaration----00											
6	Necessary undertakings	Agency should furnish the following undertakings. (i)Not abandoned project. (ii)No litigation. (iii)No relation.	5	(i)Not abandoned any project--03											
				(ii)No litigation--01											
				(iii)No relation--01											
				(iv)Not submitted any certificate--00											
7	Bidding capacity BC=AxNx2-B A=Max.ATO after indexation. B=value of work in hands(Existing commitment) N=Time of completion	Attach bidding statements with details	10	i)BC more than or equal to BOQ amount--10		Rs		Rs		Rs					
				ii)BC more than or equal to 70%but below BOQ amount--5		A=		A=		A=					
				ii)BC more than or equal to 50%but below 70% of BOQ amount--3		N=0.17		N=0.17		N=0.17					
				iii)BC below 50% of BOQ amount----nil		B=0.00		B=0.00		B=0.00					

SL.N O.	PARTICULARS	LAID DOWN CRITERIA AS PER NIT CONDITION	FULL MARKS	EVALUATION CRITERIA	FIRST BIDDER			SECOND BIDDER			THIRD BIDDER		
					PAGE	MARKS OBTAINED	REMARKS	PAGE	MARKS OBTAINED	REMARKS	PAGE	MARKS OBTAINED	REMARKS
8	Timely completion of project	Attach certificate of the concern E.E	5	i)If three or more than three projects executed in stipulated time during last five year--05									
				i)If less than three projects executed in stipulated time during last five year--03									
				i)If no projects executed in stipulated time during last five year--00									
Total			100										
				Remark									

Note:- (i) Minimum qualifying marks = 50/100 for project b/w 40lakhs to 200lakhs