



# NATIONAL LAW SCHOOL OF INDIA UNIVERSITY

Post Bag No. 7201, NAGARBHAVI, BENGALURU - 560 242. (Old Code No. 560 072), INDIA.

Telefax: 080 - 2321 3160, 2316 0532, 535 Fax : 080 - 2316 0534. Website : [www.nls.ac.in](http://www.nls.ac.in) Email : [registrar@nls.ac.in](mailto:registrar@nls.ac.in)

Dated:14.02.2024

## Notice Inviting Quotations

The National Law School of India, Bangalore ("NLSIU") is a University established under the National Law School of India Act, 1986, imparting legal education. Email quotations for "**External Development for Women's Halls of Residence's Precinct.**" are hereby invited from eligible contractors by the undersigned, subject to the terms and conditions enumerated hereunder.

<b>Description of Work</b>	<b>External Development for Women's Halls of Residence's Precinct.</b>
<b>Date of Issue of Quotation</b>	14.02.2024
<b>Last Date for Submission</b>	Up to 5.00 PM on 29.02.2024

### Terms and Conditions:

1. The intending Bidders shall submit the quotes for the enclosed BOQ (**Annexures 1**) and Scope of work in enclosed in (Annexure-2).
2. A consolidated amount (inclusive of taxes and all other charges) is to be submitted in the form of seal quotation to Finance NLSIU. Only Hard copies of the quotations will be accepted up to 5.00 PM on 29.02.2024. You need to send the hard copy of the quotations addressed to Chief Finance Officer, National Law School of India University, Nagarbhavi , Banaglore-560072.
3. Interested Bidders must make a visit to the site and take a detailed survey of the requirements mentioned and submit the quote accordingly and also bidders need to provide the reference of pervious clients along with the PO/Work order.
4. Rates quoted by the bidders shall be inclusive of all applicable taxes, including GST. Income Tax and all other statutory deductions like labour cess etc. will be deducted from the payments made as per prevailing rules.
5. GST Registration number and PAN number of the Bidder shall be mentioned in the quotation.
6. The Bidder should provide a Defect Liability Period (DLP) of minimum 1 year for the work carried out at the Site.

7. The Rate quoted shall be firm and fixed till completion of the entire work & shall not attract any escalation under any circumstances whatsoever.
8. The University shall not bind itself to accept the lowest quoted rate. The University shall accept the quotation that is in best interests of the University, as determined by the University authorities. The University reserves the right to not accept any of the Quotations submitted during this process.
9. The University shall issue a work order ("Work Order") to the successful Bidder ("Selected Bidder") within 30 days of opening of the quotations. The Work Order shall consist of terms and conditions, Bill of quantities and drawings (**Annexures 1 and 2**). Acceptance of the Work Order by the Selected Bidder shall form a binding contract with the University.
10. Date of start of work shall be reckoned from the date of the issue of the Work Order.
11. Payment terms for the work shall be as per the following milestones –
  - 30% of the total work order value will be paid as advance after the work order.
  - 30% of the total work order value will be paid after the completion of 60% of work done.
  - 20% of the total work order value will be paid after the completion of 80% of work done
  - The balance of 20% will be settled with the final bill.
12. Any damage to NLSIU property will be made good at Selected Bidder's risk and cost.
13. NLSIU will not be held responsible for payment of any compensation to the labourers engaged by Selected Bidder. Selected Bidder will pay all compensations including accident compensations due to its labourers.
14. Selected Bidders shall follow all safety rules and security procedures that are in force and applicable during execution of work.
15. Selected Bidders shall comply with applicable provisions of all acts, statutes, rules and regulations of Central and State Governments, as the case may be.
16. Retention Amount at the rate of 3.5% of the value of the work done for each running account bill will be deducted. The Retention amount will be released to the Selected Bidder after completion of the defects liability period of 365 days. The retention amount shall not bear any interest whatsoever. Water and electricity will be provided by the University at the site. The cost of electricity consumed by Selected Bidder will be recovered from the Selected Bidder at the rate of 1% of the chargeable amounts for the tasks that require electricity. For any reason, if electricity is not provided by the University, the Selected Bidder shall make arrangements to continue the work without any disruption.
17. The Work must be carried out within the stipulated completion period, with all due diligence, failing which, Selected Bidder shall be liable to pay a Penalty for Delay of an amount equal to 0.2% of the Contract Value per day of delay. The

Total Penalty imposed in the contract period shall not exceed an amount equal to 5% of the Contract Value.

18. The terms and conditions stipulated in this Notice Inviting Quotations are binding on the Bidder.

*NSN Vign*  
Registrar

## Annexures 1

	Description of Work	Quantity	Amount
A	<b>Demolition and clearing the precinct and carting away the materials from the campus</b>		
B	<b>Site Cleaning and Marking of all elements &amp; levels fixing with TBM</b>		
	CLEANING: Using machinery, manpower for removal of debris including loading, unloading, transportation and using necessary machines, tools with Skilled manpower of all elements and construction of bench mark if any.		
C	<b>General grading &amp; compacting with vibratory roller, preparation of sub grade</b>		
	Compacting original ground supporting embankment Loosening, leveling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Table 300-2 for embankment construction.		
D	<b>Filling 75mm thick Granular Sub Base</b>		
	Providing and laying granular sub-base (GSB) of Grade - 1 consisting of sand, moorum, crushed stone and gravel mixed in required proportions for subgrade to a compacted thickness of as specified below, using good quality graded materials from approved source and mixed in the specified proportion including cost and conveyance of all materials, stacking and mixing in the specified proportion, spreading after mixing to required camber, levelling, watering with all leads to obtain moisture levels of mix between 1% above and 2% below the optimum moisture content at the time of compaction and compacting each layer with 8 - 10 tonne vibratory power roller to obtain the required proctor density including all labour, charges for all tools and plants employed and all other incidental charges etc. all complete as per IRC /and MOST specifications and as directed (NOTE :Granular sub base shall extend 150mm on either side of road which shall be included in cost and shall not be paid extra. CBR value shall not be less than 30 for sub base )		
D.1	In layers of 100 mm compacted thickness		
E	<b>Filling 75 mm WBM</b>		
	Providing and laying WBM -water bound macadam course using 1.00 cum of 53 mm to 22.40mm IRC size hand broken granite metal with 0.24 cum of gravel for blindage and filler material for 10 sqm area or as		

	directed by the Consultants including cost of conveyance of all materials from approved source, stacking , labour charges for spreading and packing to camber,watering, all leads and lifts, forming edge bund and consolidation by 8 - 10 T power roller including all labour, hire and fuel charges for all tools and plants employed and all other incidental charges etc., all complete as per IRC specifications or/and as specified by Consultants.		
E.1	In layers of 75mm compacted thickness		
<b>F</b>	<b>600 micron HDPE sheet</b>		
F.1	Providing and loosely laid 600 micron HDPE sheet with an overlap of 100mm on both sides above the GSB layer.		
<b>G</b>	<b>Option 1: 150 mm thick M25 RCC slab</b>		
	Reinforced Cement Concrete M25 Design Mix (brought from RMC agencies) using 20 mm & downsize hard blue granite metal and sand, having characteristic strength not less than 25 N/sqmm, including necessary shuttering, vibrating, lifting, pumping, curing, labour charges for finishing the surface with Broom Finish, creating construction joint as per the drawing with a gap of 20mm etc, but excluding the cost and fabrication of reinforcements, and including centering and formwork, complete, complying with the relevant standard specifications, at all leads inside the building. GGBS at 20% (max.) on the total weight of the cement is allowed.		
	Providing & fabricating of reinforcement steel of Fe500 grade for reinforced cement concrete works in all heights and depths including straightening, cleaning, cutting, bending, placing in position and binding, hoisting and welding if any including cost of power, electrodes etc, cost of annealed binding wire (18 gauge), providing overlaps, tying in position for all works as per detailed drawings supplied, (including chairs etc.,) with the relevant standard specifications, complete for all leads & lifts. Providing & fabricating of reinforcement steel of Fe500 grade for reinforced cement concrete works in all heights and depths including straightening, cleaning, cutting, bending, placing in position and binding, hoisting and welding if any including cost of power, electrodes etc, cost of annealed binding wire (18 gauge), providing overlaps, tying in position for all works as per detailed drawings supplied, (including chairs etc.,) with the relevant standard specifications, complete for all leads & lifts.		
	Filling the construction joints in RCC slab with hot bitumen. The joint to be filled with M sand upto a depth of 110mm from bottom and top 50mm to be filled with hot bitumen. The rate to include heating the bitumen, pouring the hot bitumen into the joints, providing masking tape on both sides of the concrete		

	surface, removing the tape after the bitumen sets, cleaning, etc., complete.		
	<b>Option 2: Bitumen Road</b>		
	Wet Mix Macadam (Plant mix method) Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.		
	Prime Coat over WMM/WBM Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 kg/m <sup>2</sup> using mechanical means.		
	Tack coat on Bituminous surface Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m <sup>2</sup> on the prepared bituminous surface cleaned with mechanical broom		
	Providing and laying Bituminous Macadam with 120 TPH capacity hot mix plant batch type using crushed aggregates of specified grading premixed with bituminous binder VG-40 @ 3.3% by weight of mix, transported to site, laid over a previously prepared surface with mechanical paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction		
	Semi Dense Bituminous Concrete Providing and laying Semi Dense Bituminous Concrete with 40/60 TPH capacity hot mix plant batch type using crushed aggregates of specified grading premixed with bituminous binder VG-30 @ 5% by weight of mix and filler, transported to site, laid over a previously prepared surface with mechanical paver finisher to the required grade, level and alignment and rolled as per MoRTH V revision.		
	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m <sup>2</sup> area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.		
H	<b>Walkways</b>		
H.1	<b>Option 1 Mud Concrete</b> Using red mud and surki powder with concrete mix including, shuttering, reinforcement, concreting, loading, unloading, mixing, pouring, leveling, finishing with mud mix , Cleaning Etc.		
H.2	<b>Option 2 Stone</b> Flooring in stone - Providing and Fixing machine cut Stone (Sadarhalli/ Kaddapah/ Granite), 30 mm thick		

	for flooring on cm (1:4) bed with curing, including all wastage, breakage etc. complete.		
H.3	<b>Option 3 Pavers – Shobha/ Basant Beton</b> Providing, laying and fixing precast interlocking type of M-30 Concrete Paver Blocks 40 mm thick, in combination patterns, PB04 / PB05 for walkways of Crushing Strength 300Kg/cm <sup>2</sup> , (of Basant Beton or Shobha pre-approved make) in patterns, and colour as per drawing, over 50 mm thick sand bedding in slopes colours and patterns specified in the drawings and as approved on prepared base as specified in line levels grades and cross sections shown on drawings performing all operations in connection with the work complete in all respects.		
I	<b>Kerb Stone</b>		
k.1	Providing and fixing M - 25 grade Precast Concrete Kerb KE01 of approved colour and design of size 600w x 450h x 110d mm thick embedded in PCC bedding as per detailed drawing and design and in required position after making the surface to required level in C.M. 1:4 and fixing the blocks with fine and uniform joint, joints filled with fine sand and neat cement, securing the free ends, maintaining the share curves, lines, cutting if necessary, round edge, curing and cleaning washing etc complete.		
k.2	Providing and fixing rough finished machine cut Stone Kerb KE02 of approved colour and 585 x 585 x 40 mm thick embedded in PCC bedding as per detailed drawing and design and in required position after making the surface to required level in C.M. 1:4 and fixing the Stone Kerb with fine and uniform joint, joints filled with fine sand and neat cement, securing the free ends, maintaining the share curves, lines, cutting if necessary, all specials like round edge, curing and cleaning washing etc complete.		
J	<b>Railing</b>		
	Providing and fixing MS railing along the ramps finished with duco paint including primer and base preparation all complete.		
K	<b>Storm Water Drains</b>		
	Providing & fixing M20 grade Precast Saucer Drain in position, of length 600mm each in straight road and 300mm to 600mm in curvature as per drawings and architectural details with approved samples. Rate to include all leads and lifts, necessary excavation, 75mmth PCC 1:3:6 concrete for fixing to line and plumb, raking and flush pointing the joints with CM 1:3, curing etc., complete.		
K.1	300mm x 150mm (75mm saucer depth at center)		
L	<b>Tactile Flooring</b>		
	Providing and fixing of external grade tactile flooring		

M	<b>External Seating</b>		
	Using Solid Block masonry in CM 1:6 for seat walls with Cement finish over plastered surface , Rate including Earth work, pcc, loading , unloading, shifting and cleaning etc.		
N	<b>Electrical</b>		
M.1	Providing and installation of external DB for the light requirements for the precinct and connecting the same with nearby service yard main panel.		
M.2	Providing and fixing Electrical Fittings and fixing these along with all required labour and materials, tools and tackles		
	K Lite Street Light		
	K lite Pole Light		
	K lite bollard light		
O	<b>Plumbing</b>		
O.1	Supply and fixing only of irrigation work as per the design and requirement, rate includes loading, unloading and shifting of materials.		
O.2	Drain work: Using rcc wall and floor with inspection chamber with pvc pipes in required levels including shuttering, reinforcement, concreting, block work, plastering, cleaning Etc.		
P	<b>Fencing</b>		
	Fixing granite fencing posts including Excavation, P.C.C, Reinforcement, Shuttering, R.C.C, Loading, Unloading labour, materials & machinery costs etc., complete		
Q	<b>Lawn and Landscaping</b>		
	Doing grading approximately upto a thickness of 15cms to achive the final shape of land formed with a suitable planting mix of earth, sand, manure etc. as per proportions to form the final surface and planting of grass, plants.		
	<b>Total</b>		
	<b>GST</b>		
	<b>Grand Total</b>		



**Scope of work**

1. Contractor to conduct a proper site survey.
2. Based on assessment, contractor to suggest the right set of materials to be utilized for the external development.
3. Contractor to prepare the shop drawings for approval from the University.
4. Contractor to clear the project site of any vegetation and debris.
5. Contractor to take permission before discarding any of the material from the campus.
6. Contractor to excavate and grade the land according to the approved design.
7. Contractor to compact the subgrade to achieve the required density and address any issues with soil stabilization if needed.
8. Contractor to install drainage system including storm water management facilities. Contractor to ensure proper slop and grading for efficient water runoff.
9. Contractor to share cost and timeline.
10. Contractor to lay and compact the base course material to provide a stable foundation.
11. Contractor to conduct necessary testing to ensure the quality of the base course.
12. Contractor to place and compact the asphalt or concrete pavement layers according to design specifications.
13. Contractor to implement quality control measures during pavement construction.
14. Contractor to implement safety measures for construction workers and the public and adhere to environmental protection regulations.
15. Contractor to ensure compliance with design and specifications.
16. Contractor to provide the barricade to keep the campus safe and secure during the time of construction.
17. Contractor to develop and implement as per project schedule.

**Specification for Road- Concrete with brush finish / Bitumen, approximately 150 m, 6 m wide**

1. General grading & compacting with vibratory roller, preparation of sub grade
2. Filling 100 mm thick Murram (Hosakote)
3. Filling 100 mm thick Granular Sub Base.
4. Filling 75 mm WBM
5. 600 micron HDPE sheet
6. 150 mm thick M25 RCC slab

**Specification for walkway , approximately 200 m, varying width**

1. General grading & compacting with vibratory roller, preparation of sub grade.
2. Filling 100mm thick Murram (Hosakote)
3. Filling 100 mm thick Granular Sub Base
4. 50mm sand cushion
5. 40mm thick paver block/ stone/ mud concrete