

**NAME OF WORK: Widening and Strengthening of Bituminous Road in the Campus of BVC and TVCC under B.A.S.U., Patna**

Tender amount: ₹ 1,23,85,180 /-

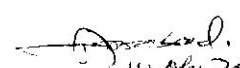
Cost of tender paper: ₹ 10,000/-

Paid by D.D. No.....Date ....//..../20..... & Name of Bank .....

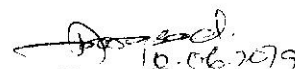
Name of Agency: \_\_\_\_\_

**OFFICE OF THE ESTATE OFFICE  
BIHAR ANIMAL SCIENCES UNIVERSITY  
(NOTICE OF INVITING TENDER)**

1. Sealed tenders on plain paper to be eventually drawn in U.E. Form 61 No. F2/K2/H will be received upto 15:00 hours upto 21.06.2019 through Speed Post only by the undersigned and will be opened in presence of the tenderers or their authorized agents.
2. The bill of quantity will be downloaded upto 17:00 hrs on or before 20.06.2019. There will be no sale on the date of receiving tender.
3. The tender documents downloaded from the website will be submitted with cost of B.O.Q in the form of Demand Draft in favour of **FINANCE COMPTROLLER, BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA**. Tenders submitted without cost of B.O.Q. in the form of demand draft will be summarily rejected.
4. Tenderers are required to deposit Earnest money at the rate of ₹ 100/- for every 5000/- or part thereof of the amount of the Estimate. Earnest Money can be deposited in shape of Demand Draft, N.S.C., N.D.C., Post Office Saving Bank Deposit, Post Office Time Deposit duly pledged to **The ESTATE OFFICER, BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA**. The tenderers shall have to attach a copy of N.P.S.C., N.D.C., N.S.C., D.D., or Pass Book with their quotations otherwise these tenders may outright be rejected. N.S.C., N.D.C. D.D., of Pass Book furnished after the receipt of tender on specified date and time will in no case be entertained.
5. Tenderers shall quote their rates both in figures and words and amount worked out against each item of work and initial all corrections, over writings interpolations. Indefinite forms like estimated rates etc. should not be considered.
6. The percentage rates quoted by the contractors should be inclusive of all taxes royalties and other incidental charges (i.e. Labour Cess etc.) Maximum applicable percentage rate below estimated cost is **10%** (Ten percent)
7. Defect Liability Period for the work is Two years from the date of completion of quality work.
8. The Contractor should quote in their tender:
  - a. Period within which they can complete the work commencing from the date of written orders to commence the work.
  - b. The plants and machinery they possess for execution of works.
  - c. Experience, they have with details of works and its locations.
  - d. Certificate, if any about the capacity of doing work.
  - e. Technical staff, if they possess.
9. The Contractor should satisfy themselves fully about the nature and site of works before offering their tenders and plea of any ignorance afterwards shall not be considered.
10. Tender without Earnest Money or insufficient Earnest Money will be rejected and there will be no position on the body of C.S.
11. Contractors are required to furnish up to date Tax Clearance Certificate in respect of I.T. and S.T. along with their tenders for values of works or ₹ 10,000/- or, over ₹ 10,000/- in each every tender. In absence of these documents along with their tender they will have to submit the same or certificates of No. outstanding Liabilities of I.T. and S.T. from the respective department within 10 days from the date of requisition in a registered letter with A.D. failing which their tenders shall be rejected and their Earnest Money furnished with the tenders shall stands forfeited without any further intimation.
12. Amount of Estimate: ₹ ...../-  
Earnest Money: ₹ ...../-  
Time of Completion: ...../-  
Conditional tenders may be outright rejected.

  
10.06.2019

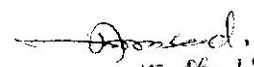
13. After approval of rates by the competent authority the contractor shall have to deposit the initial Security money in shape of D.D. or N.S.C. with days of the receipt of the written orders from Engineer In charge and execute agreement failing which his tender shall be rejected and Earnest Money forfeited.
14. Authority shall reserve the right to reject any or all the tenders or distribute the work to more than one contractor without assigning any reasons.
15. The claim for idle labours due to stoppage of work non supply of materials, drawing and designs or delay due to any other reasons shall not be entertained.
16. The Contractor shall arrange necessary site for accommodation and other facilities like medical aid etc. for their labours at his own cost and initiative as well as will comply with all labours rules prevalent in the locality.
17. The specification of work mentioned in B.O.Q. where not mentioned in that case S.B.C., P.W.D., will be followed during the progress of the work. In case of any difference of things not being clear the instructions of the Estate Officer shall be followed.
18. No claim shall be entertained due to fluctuation of rates of labour and materials at any time during completion of work.
19. Materials recoverable or non-recoverable directly issued to work shall be issued to the contractor on proper H/R. Recovery of the cost of materials shall be made for the gross quantity issued and not for the quantity consumed in the portion of the work billed for. If materials are obtained in excess of precise requirement, the recovery of the cost of such materials will be made at double the issue rate stipulated in agreement.
20. The contractor employing trucks, Tippr, etc. for carriage of materials or other works shall comply with the rules of Motor Vehicles Act.
21. In the case of L.S. Tenders contractors should clearly write both in figures and words.
22. It will be obligatory on the part of the tenders to keep his tender open for a period of 6 months (180 days) from the date of opening of tender for acceptance.
23. The contractor should maintain the Repair / Renovation Work during the defect liability period from the date of completion of work.
24. "SITE ORDER BOOK":- with numbered pages and bearing the certificates of the Engineer In Charge of containing so much pages shall have to maintain by the contractor at the site of work, and it will have to be produced, if the E.I. or Inspecting officers desire for any instructions concerning the work. This shall be the property of the Department after completion of work.
25. No. work beyond agreement shall be executed by the contractor unless specifically ordered by the Engineer In Charge in writing on "SITE ORDER BOOK" and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month to which it relates it will be treated as time barred and may be disallowed.
26. Registered contractors of appropriate category of the P.W.D (R.C.D. & B.C.D.)/B.I.A.D.A./Bihar M.E.S./Bihar Rajya Pul Nirman Nigam/CPWD and BASU, Patna having satisfactory records of work will be allowed to tender for the work.
27. The first bid Envelope clearly marked as , technical bid shall contain the following document (along with checklist which has been provided herewith)-
  - a. Earnest money is to be deposited in the shape of NSC/TD/Fixed Deposit/Demand Draft only pledged in favour of Estate officer , BASU, Patna.
  - b. Registered contractor of Govt. of Bihar/C.P.W.D./M.E.S. for appropriate category for civil/Electrical work.
  - c. Cost of B.O.Q. (Non-refundable) to be deposited through Demand Draft in favour of the Finance Comptroller, BASU, Patna. Payable at Patna
  - d. PAN No./ Certificate
  - e. Character certificate
  - f. Experience, they have with details of woks and its locations.
  - g. GST No. / GST Certificate
  - h. Latest Income Tax clearance Certificate.
  - i. All the documents should be Self-Attested
  - j. The bidder have to submit the affidavit regarding genuineness and non-black listed paper from notary
28. Second bid envelope shall clearly mention as price bid, shall contain only the BOQ with quoted rate and common set of condition

  
 Estate officer,

Bihar Animal Sciences university, Patna

## CHECK LIST

TECHNICAL BID		Yes/No
1	Earnest money is to be deposited in the shape of NSC/TD/Fixed Deposit/Demand Draft only pledged in favour of Estate officer , BASU, Patna	
2	Registered contractor of Govt. of Bihar/C.P.W.D./M.E.S. for appropriate category for civil/Electrical work	
3	Cost of B.O.Q. (Non-refundable) to be deposited through Demand Draft in favour of the Finance Comptroller, BASU, Patna. Payable at Patna	
4	PAN No./ Certificate	
5	Character certificate	
6	Experience, they have with details of woks and its locations.	
	a. One Similar work costing not less than 80% of the estimated cost put to tender Or b. Two similar works costing not less than 60 % of the estimated cost put to tender. Or c. Three Similar works costing not less than 40% of the estimated cost put to tender Similar work shall mean” Bituminous Road work with bituminous carpeting”etc.	
7	GST No. / GST Certificate	
9	Latest Income Tax clearance Certificate.	
10	All the documents should be Self-Attested	
11	The bidder have to submit the affidavit regarding genuineness and non-black listed paper from notary	
12	Contractor shall submit a list of Machinery details as per prescribed format.	
13	Contractor shall submit the details of technical personnel available with their firm as per prescribed the format.	
FINANCIAL BID		
1	Bill Of Quantity.	
2	Quoted rate on giving prescribed format (Fill up given information).	
3	Common set of condition.	

  
 10.06.19

## Bill of Quantity for Widening and Strengthening of Bituminous Road in the Campus of BVC and TVCC under B.A.S.U., Patna

Estimated Cost :- Rs. 1,23,85,180=00	E.M. to be deposited :-	₹ 250000=00
Last Date of downloading tender paper:- 20.06.2019 upto 5:00 p.m.	Cost of B.O.Q :-	₹ 10000=00
Last Date of Receiving Tender :- 21.06.2019 upto 3:00 p.m.	Time of Completion :-	90 days

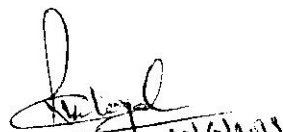
Sl.No.	Item of Work	Quantity unit	Rate	Amount
	<b>(1). Labour for Garbage Removal &amp; clearing jungle &amp; site clearance inc.all complete job</b>			
0L01	Labour	58 no @	295.00 /each	₹ 17110=00
	<b>(2). Earth work in excavation over areas ( exceeding 30 cm in depth. 1.5 m in width as well es 10 sqm 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</b>			
BCD 2.6.1		1,720.90 m <sup>3</sup> @	279.10 /m <sup>3</sup>	₹ 480303=00
	<b>(3). Removal of Unserviceable Soil with Disposal upto 1000 metres (Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil which shall be paid separately as per clause 305.)</b>			
RCD 3.11		1,720.90 m <sup>3</sup> @	95.00 /m <sup>3</sup>	₹ 163486=00
	<b>(4). Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads &amp; lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge With material conforming to Grade-II With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30</b>			
RCD 4.1 (B)(i)		1,065.52 m <sup>3</sup> @	2,659.04 /m <sup>3</sup>	₹ 2833260=00
	<b>(5). Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm ) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads &amp; lifts, laying in uniform layers with mechanical paverfinisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.</b>			
RCD 4.12		757.20 m <sup>3</sup> @	3,010.32 /m <sup>3</sup>	₹ 2279414=00

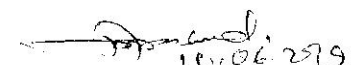
*[Signature]*  
10.06.2019

(6). Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means.	RCD 5.1	6,266.26 m <sup>2</sup> @	37.63 /m <sup>2</sup>	₹ 235799=00
(7). Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom	RCD 5.2	6,266.26 m <sup>2</sup> @	13.58 /m <sup>2</sup>	₹ 85096=00
(8). Providing and laying bituminous macadam with 100-120 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with mechanical control paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction.) for Grading II (19 mm nominal size)	RCD 5.3A (ii)	313.313 m <sup>3</sup> @	9,078.45 /m <sup>3</sup>	₹ 2844396=00
(9). Providing and laying semi dense bituminous concrete with 100- 120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 % of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with mechanical control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects. for Grading II ( 10 mm nominal size)	RCD 5.7A (ii)	156.6615 m <sup>3</sup> @	11,589.88 /m <sup>3</sup>	₹ 1815688=00
(10). Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	RCD 8.13	394.43 m <sup>2</sup> @	753.46 /m <sup>2</sup>	₹ 297187=00
(11). Providing and fixing of road stud 100x 100 mm, die cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS 873 part 4: 1973.)	RCD 8.35	1,214 no @	221.19 /each	₹ 268525=00

  
 10.06.19

<p>(12). Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness &amp; size/shape, made by table vibratory method using PU mould, laid in required colour &amp; pattern over 50mm thick compacted bed of fine sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications &amp; direction of Engineer-in-Charge. (a) 80 mm thick c.c. paver block of M-35 grade with approved colour design and pattern.</p>			
11.79.1	743.50 m <sup>2</sup> @	812.70 /m <sup>2</sup>	₹ 604242=00
<p>(13). Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.</p>			
<p>4.1.2 1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)</p>			
	18.50 m <sup>3</sup> @	4681.30 /m <sup>3</sup>	₹ 86604=00
<p>(14). Providing and laying Non Pressure NP-4 class (Heavy duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete</p>			
19.36.1	450 mm dia R.C.C. Pipes	140.24 m @	2,293.70 /m ₹ 321668=00
<p>(15). Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot &amp; cold water supply including all CPVC plain &amp; brass threaded fittings This includes jointing of pipes &amp; fittings with onestep CPVC solvent cement ,trenching ,refilling &amp; testing of joints complete as per direction of Engineer in Charge.</p>			
<p>External work</p>			
18.9.5	a. 40 mm nominal outer dia Pipes	45.00 m @	323.50 /m ₹ 14558=00
<p>(16). Carriage of materials including all complete job</p>			
	a. Sone Sand	7.70 m <sup>3</sup> @	900.05 /m <sup>3</sup> ₹ 6930=00
	b. Stone Chips	15.41 m <sup>3</sup> @	1,868.80 /m <sup>3</sup> ₹ 28798=00
<p>(17). Extra cost of materials</p>			
	a. Cement	148 bag @	14.30 /bag ₹ 2116=00
			Total ₹ 12385180=00

  
Dy. Estate Officer  
B.A.S.U., Patna

  
10.06.2019  
Estate Officer  
B.A.S.U., Patna

## Fill up Given Information

- (a) Detail of Earnest money :
- (b) Registration No.\ :  
(Certified copy to be enclosed)
- (c) Income tax & sale tax clearance certificate :  
(Certified copy to be enclosed)
- (d) License issued by the labour Department :  
(Certified copy to be enclosed)
- (e) Detailed of documents attached :
- (f) Name and Address of the Tenders :
- (h) Signature of tenderer :
- (i) Mobile No. :

I/ we execute the work at:-

- (I) Estimated / Analysed rates shown in the Bill of Quantities.
- (II) (I) In word ..... Percent above the rates shown in the bill of quantities
- (II) In figure ..... Percent above the rates shown in the bill of quantities
- (III) (I) In figure ..... Percent below the rates shown in the bill of quantities
- (II) In figure ..... Percent below the rates shown in the bill of quantities

I/We will completed the work within ..... month from the date of work order.

I/ We have read and fully understood the terms and condition of the state (P.W.D.) contract form F2 and the N.I.T. and special condition attached here with.

Name & full signature of the Tenderer

  
Estate Office

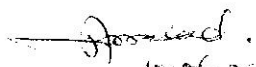
Bihar Animal Sciences University  
Patna – 14

- 1) No. of Cutting .....
- 2) No. of over writing .....
- 3) Rate quoted .....

Estate Office  
Bihar Animal Sciences University  
Patna – 14

## N.I.T. SPECIAL CONDITIONS

1. Rates quoted should be inclusive of all taxes, royalties carriage and all other incidental charges what so ever.
2. The rates should be written in figures as well as in words in such a way that interpolation is not possible and total amount of each item should be written both in figures and words and total amount of each page will also indicate both in figures and words.
3. Taxes, Rly. Freight and incidental charges on materials and labour in respect of the contractor shall be payable by the contractor and University shall not entertain any claim whatsoever in this respect.
4. The tenderers should acquaint themselves with the work and working conditions of the site locality and no claim will be entertained on this issue.
5. Site of execution of the work will be available as soon as work is awarded. In case, it is not possible for the department to take the entire site available on the award of the work, the contractor will have to arrange his working programme accordingly.
6. The contractor's responsibility for the work shall commence from the date of issue of work order
7. The contractor shall study the specification, drawings and design carefully before submitting the tender
8. The work will be executed according to the approved and sanctioned design and drawing from time to time which will be binding on the contractor. No claim for the changes or modification in drawing and design will be tenable.
9. The contractor will be issued departmental materials as per actual requirement in stock length and size available with the department. Material is taken by the contractor in excess of the calculated requirement will be charged to panel rates which will be double the issue rates of the materials.
10. Contractor shall have to keep in upto date account of materials at site and his stores shall be inspected and stock taking will be done as and when required by the supervising staff of the department. The contractor should arrange for such inspection and free access should be given to the Supervising staff for such check up.
11. No claim shall be entertained on the grounds of fluctuation of rate in labour and materials etc. in the market during the period of filling the tender and completion of work.
12. No claim for idle labour due to non-supply or delayed supply of materials machinery, design etc. by the department will be entertained.
13. The work shall be done according to the University specification. In respect of such items of work which is not covered by the University specification the specification laid down by the Superintending Engineer, South Bihar Circle shall be allowed which will be final and conclusive.
14. If during execution of work, any item which is provided in the bill of quantities, is not required to be executed due to change of specification etc. the contractor will have no claim whatsoever if that item is not done through them.
15. The contractor shall get the samples of bricks, sand stone chips etc. approved by the Estate Officer before undertaking mass collection of the same. Sample of the approved quality of materials shall be kept in the custody for comparison later on when the contractor's supply is made during progress of the work.
16. The contractor shall removed all his surplus materials rubbish etc. and leave the site clean and tidy after levelling and dressing the premises of the works as directed by the Engineer In-charge and then the work shall be considered as complete.
17. The arrangements and the cost of all the store shed, labour shed, tools scaffolding water supply arrangement electric supply and building accessories shall be borne by the contractor at his cost and noting will rest with the depart. The contractor shall also provide all facilities and medical aid to the labours employed, at his cost.
18. Any approach road necessary for carriage of building materials to site of work, will have to be constructed by the contractor at his own cost and no claim for the same will be entertained by the department.
19. The department will not hold itself responsible if the work has been stopped at any stage of progress due to reasons beyond the control of the department and no claim will be entertained for the same.
20. The Government materials issued to the contractor for the work shall be properly looked after and guarded against theft, pilferage and losses due to fire etc. and for such any loss, the responsibility shall entirely rest with the contractor.
21. The contractor shall comply sufficient number of skilled and experienced labours to the job in order to achieve proportionate time given for the work during, execution of work, if his any mason or labour is found avoiding instructions to follow, shall be turn out at once from the work site.
22. Procurement of water in all seasons with all leads and lift will rest with the contractor at his cost.
23. The N.I.T. special conditions and other condition attached with the bill of quantity will form integral part of the contract document and should be dully signed by the tenderer on each page as taken of acceptance while submitting the tender for the work.
24. The contractor will be responsible for accident etc. if any during execution of work and nothing will rest with the department.
25. The contractor shall offer all facilities to the departmental officers for supervision, taking measurements, checking of bills etc. and any damage so occurred in the process will be made good by the contractor at his own cost.
26. In case any item of work not covered by Bihar Animal Sciences University, Patna or P.W.D. / B.C.D schedule of rates may be paid as per actual analysis of rates obtained from the local market.

  
10.06.2015



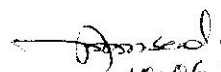


## Details of Technical Staff Format

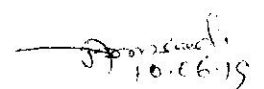
28. Contractor shall submit the details of technical personnel available with their firm as per format given below:-  
Qualifications and experience of key personnel required for administration and execution of the contract  
(Attached biographical data).

Position	Name	Qualification	Year of Experience (General)	Year of Experience in the proposed position

Name & full signature of the Contractor

  
10.06.15

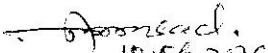
29.
  - (a) The methodology and equipment to be used on the project shall be furnished by the contractor to the Engineer-in-charge well in advance of commencement of work and approval of the Engineer obtained prior to its adoption and use.
  - (b) The Contractor shall give a trial run of the equipment for establishing its capability to achieve the commencement of work if so desired by the Engineer-in-Charge.
  - (c) All equipment provided shall be of proven efficacy and shall be operated and maintained at all times in manner acceptable to the Engineer-in-Charge.
  - (d) No equipment or Technical personnels will be removed from site without permission of the Engineer-in-Charge.
30. Tenderer must inspect the site before filling the tender.
31. It will be presumed that the tenderer has carefully examined the bill of quantity, specification, condition, approved quarries, roads, ghats, site etc. complete and have satisfied himself as to the nature, extent of the liability of the work road approaches, means of communication and access to the site, availability of labour in connection with the completion of the work. No claim either for cost or for extension of time will be entertained on any one of these or similar ground. Delay in allotment of wagons shall not be a ground for time extension.
32. Quantities mentioned in the bill of quantities may decrease or increase.
33. In case of successful tender, the amount of the earnest money will be transferred to the initial security deposit and balance amount will be deposited by the contractor to cover up 5% (five percent) security deposit before execution of the agreement. The total deposit shall be 10% (ten percent) of his tender amount and the remaining 5% (five percent) will be deducted from running bills.
34. No claim will be entertained for any increase in Railway Freight, fluctuation of rate for labour and materials in the market, if any, during the progress of work.
35. The rate to be quoted by the tenderer in terms of percentage in total estimated amount will be inclusive of the cost of materials transport charges upto the work site with loading unloading stacking & removing unserviceable materials involved at various works site, royalty and all type of State and Central Taxes. The complete rate as above only will be considered by the department.
36. Quoting rate for each item separately will be liable for rejection unless otherwise specifically asked for.
37. Conditional tender shall be outright rejected.
38. In the event of the tender being submitted by a firm it must be signed by each member or by a person holding the power of attorney authorizing him to do so.
39. No claim shall be entertained due to rise in price of lubricants and spare parts of vehicles or in taxes by Govt. or cost of labour or any materials or other cost.
40. The terms and conditions stated in the detailed tender documents together with the F2 condition shall form the part of the Agreement.
41. The material shall be supplied from the approved quarries before using the material in works, samples of material are got to be approved from competent authority.
42. The Ministry's specifications for Road and Bridge works (4<sup>th</sup> Revision) & current MRT&H (MOST) revision & R.C.D. Specifications will form part of the contract documents and the contractor will be legally bound to the various stipulations made there in, unless and otherwise specifically relaxed or waive wholly or partly through a special clause in the contract document.
43.
  - (a) Bitumen shall be supplied by the Contractor. The Bitumen shall be 60/70 or 80/100 penetration grade or as directed by Engineer-in-Charge conforming to I.S. 73 or relevant specifications such as penetration, softening point, solubility, flash point, ductility, loss on heating etc
  - (b) The Bitumen shall be procured only from the Government of India, undertaking Oil Companies.
  - (c) The contractor shall have to report and submit the documents to the Executive Engineer within 48 hours of the receipt of the Bitumen from the Oil Companies.
  - (d) The contractors shall test the Bitumen as per I.S. 73 or relevant clause if any in his own laboratory established at the site with his own qualified technical/Personnel and submit the test results within seven days from the receipt of Bitumen from Oil Companies.
  - (e) The Executive Engineer himself or his authorized representative shall collect the Bitumen sample from the procured Bitumen and test it as per I.S. 73. Or relevant clause if any in the departmental laboratory within Seven days from the receipt of Bitumen sample.
  - (f) The work from this procured Bitumen shall only be allowed if the test results of the Bitumen sample conducted as per I.S. 73 or relevant clause if any by the Engineer-in-Charge found to be satisfactory.
  - (g) No advance payment shall be made to the contractor by the department against the supplied/procured Bitumen.
  - (h) If any type of dispute in either Bitumen procurement or its specification the same shall be decided by decision of the concerned Superintending Engineer which will be the final and binding.
44. The Contractor shall have to abide by the Labour Act and Minimum Wages Act, MVI Act, forced in the area duly revised from time to time.
45. The Contractor will provide necessary facilities to the labourers and insurance coverage as per rules.
46. The Contractor shall make adequate arrangement for the safety of the labourers during execution of the works. He will be responsible for accident if occurs at his works site. Adequate compensation for the same will have to be paid by him as decided by competent authority.

  
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48. The Contractor will be responsible for return of the Govt. machinery in good condition and will pay for its maintenance repair, Hire Charge for idle or repair period shall be payable by the Contractor.
49. In the event of any loss of the Govt. articles the value of the articles shall be recoverable from the contractor.
50. The contractor shall rectify at his own cost in case the work is found to be defective during checking & liability period.
51. It will be the responsibility of the contractor to pay royalty of mines materials. The contractor shall submit form "M" and "N" duly filled as per "Bihar" Mines and Mineral Act, 1972 or revised by the Govt. as the case may be.
52. The Contractor shall display a signboard at work site about the work as on the format prescribed by Engineer-in-Charge.
53. The Contractor shall furnish his programme of construction for execution of the work within the stipulated time schedule together with methodology of construction of each item of work and obtain the approval of the Engineer-in-Charge prior to actual commencement of work.
54. In case of slippage from the approved work programme at any stage, the Contractor shall furnish revised programme to make up the slippage within the stipulated time schedule and obtain the approval of the Engineer-in-Charge to the revised programme.
55. Setting out the work as spelt out in Clause 109. 1 Ministry's Specifications for Road and Bridge Works (4<sup>th</sup> Revision) or R.C.D. as the case may be will be carried out by the Contractor, as per direction of the Engineer In charge.
56. Action in respect of public utilities will be taken by the Contractor as envisaged in clause 110.1 of Ministry's Specification for Road and Bridge Works (4<sup>th</sup> Revision) or R.C.D. Bihar as decided by the Engineer In charge.
57. Action for arrangement for traffic during construction will be taken by the Contractor as envisaged in the contract documents and spelt out in Clause 112.1 of Ministry's Specifications for Road and Birdge Works (4<sup>th</sup> Revision) or R.C.D. Bihar as decided by the Engineer In charge.
58. The onus of achieving quality of work will be on the contractor who will take actions as stipulated in Section 90 of Ministry's Specification for Road and Bridge Works (4<sup>th</sup> Revision) or R.C.D. Bihar as per direction of the Engineer In charge.

As mention above NIT Special condition from serial no 1 to 58 has been carefully read by me.

Name & Signature of Tenderer

  
10.06.2019  
Estate officer,

Bihar Animal Sciences University, Patna