



**E -Tender Form for
Renovation of Internal Bitumen Testing
Track Road at IDTR, Pune**

Tender No: IDTRS-C/2025-26/01/IDTR/ROAD

INSTITUTE OF DRIVING TRAINING & RESEARCH SOCIETY

Next to SBI, Kasarwadi Post, Old Mumbai – Pune Highway, Pune-411034

Phone: +91 20 29520024

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Notice Inviting E-Tender

E-Tender No.: - IDTRS-C-/2025-26/01/IDTS/ROAD

Date: 22nd April 2025

INSTITUTE OF DRIVING TRAINING & RESEARCH SOCIETY, (IDTRS) Pune invites E-Tender in Two Bid Systems (Technical and Financial) from PWD/ CPWD /ZP Registered Civil Contractors Renovation of Internal Bitumen Testing Track Road at IDTRS, Pune,

Sr. No	Description	EMD (2% of Estimated Cost)	Last Date for Online Submission	Technical Bid Opening
01	Renovation of Internal Bitumen Road at IDTRS, Pune	INR 2,80,100/-	15.05.2025 Time- Up to 17.30 Hrs.	16.05.2025 Time-15.00 Hrs.

Interested Civil Contractors may view and download detailed tender documents from **e-Tender portal.**

www.cirtindia.com/tendernotice.html or <https://tenderwizard.com/CIRT>

All Bids must be submitted through the online portal.

Salient information about the E-Tender:

1] **Who can participate in this e-Tender:** The bidders who have registered with CIRT's e-Tender portal can only participate in this tender process.

2] **How to Register:**

a) The prospective bidders have to register with CIRT by paying **Annual Registration Charge of Rs. 2,000/- (+) G.S.T.** (as applicable) through E-Tender portal by online payment mode. On completion of the registration process, the bidders will be provided user ID and Password. After receipt of User ID and Password, Bidders can log on at our e-Tender portal for downloading & uploading tender documents.

b) **Tender Processing Fee (Non-Refundable) with G.S.T.** (as applicable) is payable online on the portal of CIRT e-tendering website for applying the tender online.

Note: Banking Transactions charges are applicable for online payment

3] **Device requirement for participation in e-Tender:** Bidder should have valid Class III Digital Signature Certificate (DSC) device for participating in e-Tender. For integrity of data, its

authenticity /non-repudiation of electronic records shall be in compliance with IT Act 2000 as amended from time to time. It is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC) of Class III issued by a Licensed Certifying Authority (CA). The contact details for e-Tendering are furnished below:-

Name of the Service Provider:

Contact Persons: Mr. Sanjay Chandak	Telephone / Email Mobile: 9665721619 Email:sanjay.kc@etenderwizard.com	For vendor Registration / DSC/Any other issue regarding e- Tender Process, Please contact Tenderwizard
Tenderwizard Helpdesk:	Contact No: 080-45811365, 080-45982100 Email: twregdelhi@etenderwizard.com	

Note: Above contact details are only related to technical queries pertaining to submission / upload of E-Tender, for any other queries please email to idtrpune@gmail.com or contact on 020-29520024.

4] **Availability of Tender Documents:** All bid documents (Technical and Commercial) are available ONLINE at CIRT e-Tender portal. The registered bidders can download the Bid from these websites. If tender form fee of Rs.1000/- plus 18% GST is not received along with physical technical bid submission, the bid will be disqualified.

5] **Mode of Submission:** The Tender Document should be submitted in two parts:

PART-A TECHNICAL BID – Technical Bid shall be submitted **online** (all documents to be signed and scanned) and a hard copy of the same along with Tender form Fee and EMD vide DDs drawn in favour of PRINCIPAL IDTR and payable at Pune, in the envelope superscribed as Technical Bid for “Renovation of Internal Bitumen Road at IDTR” to be submitted by the bidder.
Note: 1. Bidder should clearly mention the Tender no. and Title of the tender which is submitted.

2. Technical bid must be compulsorily submitted both online and hard copy within stipulated date and time, failing which the bid would stand disqualified.

PART –B COMMERCIAL BID – Commercial Bid to be submitted **online only**. Commercial bid sent through hard copy will not be accepted and shall be disqualified. **The bidder should submit the Commercial Bid online only in the attached Excel Format as detailed at chapter 5.**

While uploading / submitting the documents, it should be ensured that the correct tender no. and tender title is mentioned.

6] All pages of Tender documents and Addenda / Corrigenda (if any) must be signed with proper official stamp and date by the authorized signatory of the Bidder / or authorized power of Attorney holder (relevant authorization document to be enclosed) at the lower right-hand corner.

7] Bidders are advised to visit IDTR / CIRT e-Tender portal regularly for any Addenda / Corrigenda.

INSTITUTE OF DRIVING TRAINING & RESEARCH SOCIETY

Next to SBI, Kasarwadi Post, Old Mumbai – Pune Highway, Pune-411034

SCHEDULED OF TENDER

Sr. No.	Particulars	Details
1.	Tender Reference No.	IDTRS-C/2025-26/01/IDTR/ROAD
2.	Tender Title	Renovation of Internal Bitumen Road at IDTR, Pune
3.	Tender Issuing Authority	Institute of Driving Training & Research Society, Pune
4.	Work Location	Institute of Driving Training & Research Society, Pune
5.	Tender Form Fee	Rs. 1000/- (Rupees One thousand only) Plus 18 % GST to be paid through Demand Draft in favor of “PRINCIPAL IDTR” Pune
6.	Earnest Money Deposit	Rs. 2,80,100/-- (Rupees Two lakh eighty thousand one hundred only) through Demand Draft in favour of “PRINCIPAL IDTR” Pune
7.	Submission of Pre-bid queries	<ul style="list-style-type: none">• On or before 30/04/2025 at 17.30 hrs. by email• Email to be sent to idtrpune@gmail.com
8.	Pre-bid meeting Date, Time and Mode	On 02/05/2025 at 14.30 hrs. in Offline mode at IDTRS Pune
9.	Pre-bid meeting Venue	Institute of Driving Training & Research Society, Conference Hall Next to SBI, Kasarwadi Post, Old Mumbai – Pune Highway, Pune-411034
10.	Last Date of submission of online bids Technical & Financial	15/05/2025 at 17.30 hrs.
11.	Physical Submission of only Technical Bid SEALED ENVELOPE AT IDTR	15/05/2025 at 17.30 hrs. @ IDTR, Pune
12.	Technical Bid Opening	16/05/2025 at 1500 hrs. @ IDTR, Pune
13.	Commercial Bid Opening	Date will be finalized on conclusion of technical bid evaluation.
14.	Address for Communication and Submission of Technical bids	THE SECRETARY Institute of Driving Training & Research Society Next to SBI, Kasarwadi Post, Old Mumbai – Pune Highway, Pune-411034 Tel: 020-29520024
15.	Download Request for Proposal & Upload e-tender	A copy of the tender document should be downloaded from www.cirtindia.com/tenderNotice.html or https://tenderwizard.com/CIRT or http://idtrpune.org/Tender.aspx

The Secretary IDTRS, Pune reserves the absolute right to accept / reject any or all bids at any stage of the tender process without assigning any reason whatsoever.

2 DISCLAIMER

It is hereby clarified that this Tender Form is not an agreement and is not an offer or invitation by the Institute of Driving Training & Research Society (IDTRS) (hereby referred as “Employer”) to any party hereunder. The purpose of this Tender Form is to provide the Bidder(s) with information to assist in the formulation of their Bid. This Tender Form does not purport to contain all the information Bidders may require. This Tender Form document may not be appropriate for all persons, and it is not possible for Employer to consider particular needs of each Bidder. Each Bidder should conduct its own investigation and analysis, and should check the accuracy, reliability and completeness of information in this Tender Form document and obtain independent advice from appropriate sources. Employer and their advisors make no representation or warranty and shall incur no liability financial or otherwise under any law, statute, rules or regulations or otherwise as to the accuracy, reliability or completeness of Tender Form document.

The Employer may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this Tender Form document.

The Employer reserves the right not to proceed with the selection process or to change the process or procedure to be applied. It also reserves the right to decline to discuss the process further with any party submitting a Bid. No reimbursement of cost of any type shall be paid to persons, entities submitting a Bid/Eligibility and Qualification Submission.

The Employer shall not be responsible for any costs or expenses incurred by the Proposers in connection with the preparation and delivery of Proposals, including costs and expenses related to visits to the sites. The Employer reserves the rights to cancel, terminate, change or modify this selection process and/or requirements of Selection stated in the Tender Form, without assigning any reason or providing any notice and without accepting any liability for the same.

The qualified Proposers would be selected based on the criteria herein mentioned. The Proposers are required to submit the qualification documents and other information as specified in relevant sections of this Tender Form. The Financial Bids of only Qualified Proposers would be evaluated.

Note: - “Institute of Driving Training & Research Society, Pune has the right to stop and cancel tender process and construction/ work at any stage without prior permission. Institute of Driving Training & Research Society, Pune reserves right to carry out total or part there off out of total work or cancel the work order for uncompleted work.”

1) CONDITIONS OF CONTRACT

1. Interpretations

In the considering these conditions the specifications, the priced schedule of quantities, tender and agreement the following words shall have the meaning herein assigned to them except where the subject or context otherwise requires: -

“Employer” shall mean Institute of Driving Training & Research Society, Pune (IDTRS) and his (their) heirs, legal representatives assign, and successors.

“Contractor” shall mean the person or the firm who is willing to undertake the subject work and his (their) heirs, legal representatives assign, and successors.

“Site” shall mean the site of the contract works as shown bounded red on the site plan attached hereto including any buildings and erections thereon and any other land adjoining thereto (inclusively) as aforesaid allotted by IDTRS or the Engineer I/C from Estate section for the Contractor’s use.

This contract shall mean the conditions, the priced schedule of quantities the specifications, the appendix and the drawings. ‘Act of Insolvency’ shall mean any Act of Insolvency as defined by the Presidency. Towns Insolvency Act, or the Provincial Act or any amending Statute.

‘Notice in writing’ or written notice shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known private or business address or registered office of the addressee and shall be deemed to have been received when the ordinary course of post it would have been delivered.

‘Virtual Completions’ shall mean that the building is in the opinion of Engineer of I/C fit for occupation.

Words imputing persons include firms and corporations.

Words imputing the singular only also include the plural and vice versa where the context so requires.

2. Scope of Contract

The Contractor shall carry out and complete the works in every respect in accordance with this contract and in accordance with the directions and to the satisfaction of the Engineer I/C. The Engineer I/C may in his absolute discretion from time to time issue further drawing and/or return instructions, details, directions and explanations which are here after collectively referred to Engineer I/C instructions in regards to: -

- a) The variation or modification of the design, quality or quantity of works or the addition or omission or substitution of any work.

- b) Any discrepancy in the drawings or between the schedule of quantities and/or drawings and/or specification.
- c) The removal from the site of any materials brought thereon by the contractor and the substitution of any other materials there for.
- d) The removal and/or re-execution of any work executed by the contractor.
- e) The dismissal from the works of any person's employed thereupon.
- f) The opening of inspection of any work covered up.
- g) The amending and making goods of any defects under relevant cause mentioned herein after.

The contractor shall forthwith comply with and duly execute any work comprise in such Engineer I/C instructions provided always that verbal instructions, directions, and explanations given to the contractor or his Forman upon the works by the Engineer I/C shall if involving a variations be confirmed in writing by the contractor within seven days and if not dissented from in writing within a further period of seven days by the Engineer I/C such shall be deemed to be Engineer I/C instructions within the scope of the contract. Rates of items not mentioned in the pried schedule of quantities shall be fixed by the Engineer I/C with prior specific approval of IDTR.

If compliance with the Engineer I/C instructions as aforesaid involves work and/or loss beyond that contemplated by the contract then unless the same were issued owing to some breach of this contract by the contractor, IDTR shall pay to the contractor the price of the said work as an extra to be valued as herein after provided and/or expenses and/or loss.

3. Drawings and schedule of Quantities.

One complete set of the drawings and specifications and schedule of quantities shall be furnishing by the Engineer I/C to the contractors and the Engineer I/C shall Furnish, within such time they may consider reasonable. One copy of any additional drawing with in their opinion may be necessary for the execution of any part of the work. Such copies shall be kept on the works and the Engineer I/C and their representatives shall at all reasonable time have access to the same and they shall be returned to the Engineer I/C by the contractor before the issue of the certificate for the balance of his account under the contract. This contract and the signed drawing and specification, and schedule of quantities shall remain in custody of Engineer I/C and shall be produced by them at their office as and when required by IDTRS or by the contractor.

4. Contractor to provide everything necessary

The contractor shall provide everything necessary for the proper execution of the works according to the intent and meaning of the drawings. Priced schedule of quantities and specification taken together whether the same may or may not be particularly shown or described therein provided that the same can reasonably be interred there from and if the contractor finds any discrepancy therein he shall immediately and in writing refer the same to the Engineer I/C whose decision shall be final and binding on the parties. Figured dimensions shall be followed in preference to scale. The contractor shall provide himself for ground and fresh water for the carrying out of the works at his own cost. IDTR shall not charge the contractor for his owned unrented ground. The IDTR, shall on no account be responsible for the expenses incurred by the contractor for hired ground or water obtained from elsewhere.

The contractor shall supply, fix and maintain at his cost, during the execution of any works, all the necessary centering, scaffoldings, staging, planking, timbering, strutting, shoring, pumping, fencing, hoarding, watching and lighting by night as well as by day, required not only for the proper execution and protection of the said works, but also for the protection of the public and for the safety of the adjacent roads, streets, cellars, vaults, ovens, pavements, wall house, building and other erections, matters or things, and the contractor shall take them and remove any or all such centering scaffoldings, staging, planking, timbering, strutting, shoring and shall fully reinstate and make good of all matters and things disturbed during the execution of the works to the satisfaction of the Engineer I/C.

5. Authorities, Notices and Patents

The contractor shall conform to the provisions of any acts of the legislature relating to the works, and to the regulations and bye-laws of any authorities, and of any water, lighting and other companies and or authorities with whose systems the structure is proposed to be connected, and shall before making any variations from the drawings or specifications that may be necessitated by so confirming to the Engineer I/C written notice, specifying the variation proposed to be made and the reasons for making it, and apply for instructions thereon. In case the contractor shall not within seven days receive such instructions, he shall proceed with the works conforming with the provisions, regulations or bye- laws in question.

The contractor shall arrange to give all notices required by the said acts, regulations or bye- laws to be given to any authority, and to pay to such authority, or to any public officer all fees that may be properly chargeable in respect of works and lodge the receipt with the Engineer I/C.

The contractor shall indemnify the institute against all claims in respect of patent, rights, and shall defend all actions arising from such claims unless he has informed the Engineer I/C before any such infringements and received their permissions to proceed and shall himself pay all royalties, license fees, damages, cost and charges of all and every sort that may be legally incurred in respect thereof.

6. Setting out works

The contractor shall set out the works and shall be responsible for the true and perfect setting out of the same and for the correctness of the position levels, dimensions and alignments of all parts thereof, if at any time any error shall appear during the progress of any part of the work, the contractor shall at his own expenses rectify such errors, if called upon to the satisfaction of the Engineer I/C.

7. Contractor immediately to remove all offensive matter

All soil or other matter of an offensive nature taken out any trench, sewer, drain, cesspool or other place shall not be deposited on the surface, but shall be at once carted away by the contractor away from the site as directed by Engineer I/C.

8. Material and Workmanship to conform to description

All the materials and workmanship shall so far as procurable be of the respective kinds described in the priced schedule of quantities and/or specification and in accordance with the Engineer I/C's instruction, and the contractor shall upon the request of the Engineer I/C furnish them with all invoices, account receipt and other vouchers to prove that the materials comply therewith. The contractor shall at his own cost arrange for and/or carry out any test of materials which the Engineer I/C may require.

9. Access

The Engineer I/C, their representative and the Institute shall at reasonable times have free access to the works and /or to the workshop factories or other places where materials are being prepared or constructed for the contract and also to any place where the materials are laying or from which they are being obtained, and the contractor shall give every facility to the Engineer I/C and their representative necessary for inspection and examination and test of the materials and workmanship except the representative of public authorities no person shall be allowed on the work any time without permission of the Engineer I/C.

If any work is to be done at place other than the site of the works, the contractor shall obtain the written permission of the Engineer I/C for doing work.

10. Supervision

The contractor shall give all necessary personal superintendence during the execution of the work and as long thereafter as the Engineer I/C may consider necessary until the expiration of the "Defects liability Period" stated in the Appendix hereto. The contractor shall also during the whole time the works are in progress employ a competent, technical person approved, technical person approved by the Engineer I/C who shall be constantly in attendance at the building while the men are at work. Any directions, explanations, instructions or notices given by the Engineer I/C to the above person shall be held to be given to the contractor.

11. Clerk of works

The term 'Clerk of the work' shall mean the person approved by the Engineer I/C and appointed and paid by the Architect acting under the orders of the Engineer I/C to Superintend the work in the absence of the Engineer I/C. The contractor shall afford the clerk of works every facility and assistance for examining the work and material and for checking and measuring time and material. Neither the clerk of works nor any representative of the Engineer I/C shall have power to revoke, alter, enlarge or relax any requirement of the contract or to sanction any day work additions, alterations, deviation or omissions or any extra work whatever except in so far as such authority may be specially conferred by a written order of the Engineer I/C.

The clerk of works or any representative of architects shall have power to give notice to the contractor or to his authorized person at site of non-approval of any work or materials and such work shall be suspended or the use of such material shall be discontinued until the decision of the Engineer I/C is obtained. The work will from time to time be examined by the Engineer I/C, the clerk of works is the Engineer I/C representative, but such examinations shall not in any way exonerate the contractor from the obligations to remedy any defects which may be found to exist at any stage of the work or after the same is completed subject to limitation of this clause the contractor shall take instructions only from the Engineer I/C.

12. Dismissal of workman

The contractor shall on the request of the Engineer I/C immediately dismiss from the work any person employed thereon who may in the opinion of the Engineer I/C be unsuitable or incompetent or who may misconduct himself and such person shall not be again employed or allowed on the works without the permission of the Engineer I/C.

13. Date of commencement and completion

The contractor shall be allowed admittance to the site on the 'Date of commencement' stated in the appendix and he shall thereupon and forthwith begin the works and shall regularly proceed with and complete the same on or before the 'Date of completion' stated in the Appendix subject nevertheless to provisions for extension of the time hereinafter contained. The time being the essence of contract. The contractor will adhere to time and progress chart and should submit progress report to Engineer I/C. In case or failure on the part of the contractor to give proportionate progress in proportionate time then the Engineer I/C may recover by way of liquidated damages as mentioned in the Appendix and relevant clause or any suitable amount as Engineer I/C may decide subject to the maximum amount of damages as deemed fit. This interim liquidated damages shall however be refunded in case the individual items and the entire work are completed by the target dates as decided by the Engineer I/C whose decision shall be binding.

14. Assignment

The whole of the works included in the contract shall be executed by the contractor and the contract shall not directly or indirectly transfer assign or underlet the contract or any part share r interest therein not shall he take a new partner without the written consent of the Engineer I/C and no subletting shall relieve the contractor from the full and entire responsibility of the contract or from active superintendence of the work during their progress.

15. Schedule of Quantities.

The schedule of quantities unless otherwise stated shall be deemed to have been prepared in accordance with the method of measurement mentioned in the specification and shall be consider to be approximate and no liability shall have attached the Engineer I/C for any error that may be discovered therein.

16. Sub- contractors

All specialist, Merchants, Tradesmen and others executing any work or supplying and fixing any goods for which provisional sums are included in the Schedule of quantities and / or specifications who may be nominated or selected by the Engineer I/C are hereby declared to be sub-contractors and are herein referred to as nominated sub-contractors.

No nominated sub-contractor shall be employed on or in connection with the works against whom the contractor shall make reasonable objection or (where the Engineer I/C and the contractor shall otherwise agree) who will not enter into a contract providing: -

- a) That the nominated sub-contractor shall indemnify the contractor against the same obligation in respect of the sub-contractor as the contractor is under in respect of this contract.
- b) That the nominated sub-contractor shall indemnify the contractor against claims in respect of any negligence by the sub-contractor or his servants or agents or any misuse by him or them of any scaffolding or other plant the property of the contractor or under any workmen compensation Act in force.

17. Variations

The contractor may when have authorized and shall when directed in writing by the Engineer I/C and to omit from or vary the words shown upon the drawings or described in specification or included in the priced schedule of quantities but the contractor shall make no addition omission or variation without such authorization or direction. A verbal authority or direction by the Engineer I/C shall if confirmed by the contractor in writing within 7 days be deemed to have been given in writing.

No claim for any extra shall be allowed unless it shall have been executed under the provisions of relevant clause or by the authority or the Engineer I/C herein mentioned. Any such extra is herein referred to as an authorized extra. No variation i.e. additions omissions or substitution, shall vitiate the contract.

In case of lump sum contracts the value of the authorized variations shall be adjusted by the Engineer I/C and the contract amount shall be varied accordingly.

In other contracts the rates of items not included in the Schedule of Quantities shall be settled by the Engineer I/C.

18. Damage to persons and property Insurance in respect of:

The contractor shall be responsible for all inquiry to persons, animals or things and for all damages to the structural and/ or decorative part of property which may arise from the operations or neglect of himself or of any of his or sub-contractor's employees whether such injury or damage arise from carelessness, accident or any other cause whatever in any way connected with the carrying out of this contract. The clause shall be held to include inter alia, any damage to buildings, whether immediately adjacent or otherwise, and any damage to the roads, streets, footpaths, bridges or ways as well as all damage caused to the building and the subject of this contract by frost rain or other inclemency of the weather. The contractor shall indemnify the employer and hold him harmless in

respect of all and any expenses arising from any such injury or damage to persons or property as aforesaid and also in respect of any claim made in respect of injury or damage under any acts of Government or otherwise and also in respect of any award of compensation or damages consequent upon such claim.

The contractor shall reinstate all damage of every sort mentioned in the clause so as to deliver up the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property of the third parties. The contractor shall indemnify the Institute against all claims which are made against the Institute by any member of the public or other third party in respect of anything which may arise in respect of the works or in consequence thereof and shall at his own expenses arrange to effect and maintain until virtual completion of the contract with an approved office a policy of insurance in the joint names of the employer and the contractor against such risks and deposit such policy or policies with the Engineer I/C from time during the currency of this contract. The contractor shall also indemnify the employer against all claims which may be made upon the employer whether under the Workmen's compensation Act or any other statute in force during the currency of this contract or at common law in respect of any employee of the contractor or any sub-contractor and shall at his own expenses effect and maintain until the virtual completion of the contract, with an approved office policy of insurance in the joint names of the employer and the contractor against such risks and deposit such policy or policies with the Engineer I/C from time to time during the currency of this contract. The contractor shall be responsible for anything which may be excluded from the insurance policies above referred to and for all other damage to any property arising out of land incidental to the negligent or defective carrying out of the contract.

He shall also indemnify the Institute in respect of any costs, changes or expenses arising out of any claim or proceedings and also in respect of award of compensation of damages arising there from.

Institute with the consent of the Engineer I/C shall be at liberty and is hereby empowered to deduct the amount of any damages, compensation, charges and expenses arising or occurring from or in respect of any such claims of damage from any sum or sum due or to become due to the contractor.

19. Fire Insurance

Unless otherwise instructed by the Engineer I/C the contractor shall be signing the contract insure the works and keep them insured until the virtual completion of the contract against loss or damage by the and/or earthquake in an office to be approved by

the Engineer I/C. In the joint names of the Institute and contractor for such amount and the Engineer I/C for any further sum if called upon to do so by the Engineer I/C the premium of such further sum being allowed to the contractor as an authorized extra such policy shall upon the property of the Institute only and shall not cover and property of the contractor or of any sub-contractor or employee. The Contractor shall depend on the policy and receipts for the premium with the engineer I/C within twenty-one days from the date of signing the contract unless otherwise instructed by the Engineer I/C. In default of the contractor insuring as provided above. Institute may so insure and may deduct the premiums paid from any amount due, or which may become due to the contractor.

The contractors shall as soon as the claim under the policy is settled, or the work reinstated by the Insurance office should they elect to do so, proceed with all due diligence with the completion of the works in the same manner though the fire had not occurred and in all respects under the same conditions of contract. The contractor in case of rebuilding or reinstatement after of fire shall be entitled to such extension of time for completion as the Engineer I/C may deem fit.

20. Delay and Extension of Time.

If in the opinion of the Engineer I/C the works be delayed (a) by force majeure or (b) by reason of any exceptionally inclement weather or (c) by reason of proceeding taken or threatened by or disputes with adjoining or neighboring owners or public authorities or (d) by the works or delays of other contractor or tradesmen engaged by the institute of the Engineer I/C and not referred to in the schedule of quantities and /or specification of (e) by reason of Engineer I/C instructions as per clause no 2 or (f) by reason of civil commotion or workman or strike or lock-out affecting any of the building trades or (g) in consequence of the contractor not having received in any of the building trades or (g) in consequence of the contractor not having received in due time necessary instructions from the Engineer I/C for which he shall have specifically applied in writing, or (h) from other causes which the Engineer I/C may certify as beyond the control of the contractor or (i) or by reason of nonpayment of interim certificates at specified time, the Engineer I/C shall make a fair and reasonable extension of time for completion of the contract works. In case of strike or lock-out the contractor shall as soon as may be given written notice thereof to the Engineer I/C but contractor shall nevertheless constantly use his endeavor to prevent delay and shall do all that may reasonably be required to the satisfaction of the Engineer I/C to proceed with the work.

21. Damages for non-completion

If the contractor fails to complete the work by the date of completion stated in the appendix or within any extended time under the respective clause hereof and the Engineer I/C certify in writing that in their opinion the same ought reasonably so to have been completed the contractor shall pay or allow the Institute the sum named in the appendix as 'Liquidated damages' for the period during which the said works shall so remain in complete and the Institute may deduct such damages from any money due to the contractor.

22. Failure by Contractor to comply with Engineer I/C instructions

If the contractor after receipts or written notice from the Engineer I/C requiring compliance, with such further drawing and/or Engineer I/C instructions fails within seven days to comply with the same, the Institute may employ and pay to the other person to execute any such works whatsoever as may be necessary to give effect thereto and all costs incurred in connection therewith shall be recoverable from the contractor by the employer on a certificate by the Engineer I/C as a debt or may be deducted by him from any moneys due or become due to the contractor.

23. Measurement of Works

The Engineer I/C from time to time may intimate the contractor about the works to be measured and representative of the contractor and Engineer I/C shall take such measurement and calculate as to furnish all particulars.

Should the contractor not attend or neglect or omit to send representative then the measurements taken by the Engineer I/C. If approved by them shall be taken to be the correct measurements of the work. Such measurements shall be taken in accordance with the modern measurements mentioned in the specification.

The Institute and contractor or their representatives may at the time of measurements take such note of measurements as they may be required.

The final measurements and valuation in respect of the contract shall be completed within one month after completion of the work.

24. Certificates and Payment

The contractor shall be paid by the Institute from time to time in installments under interim certificates to be issued by the Engineer I/C to the contractor on account of the works executed when in the opinion of the Engineer I/C work to the approximate value named in the appendix as "Value of works for Interim Certificates" (or less at the reasonable discretion of the Engineer I/C) has been executed in accordance with this contract, subject however to a retention of the percentage of such value named in the appendix hereto as 'Retention Percentage from Interim Certificates'. The Engineer I/C may in their discretion include in the interim certificate such amount as they may consider proper on account material delivered upon the site by the contractor for use in works. And when the works so complete the contractor shall be paid by the institute in accordance with the certificate to be issued by the Engineer I/C and the contractor shall be entitled to be payment of the final balance in accordance with the final certificate to be issued in writing and the Engineer I/C at the expiration of the period referred to as "Defects Liability Period" in the appendix hereto from the date of virtual completion or as after the expiration of such period as the work shall have been finally completed and all defects made good according to the true intent and meaning hereof whichever shall last happen. Provided always that the issued by the Engineer I/C of any certificate during the progress of the works or at or after their completion shall not relieve the contractor from his liability under respective clauses in cases of fraud, dishonesty or fraudulent concealment relating to the works or materials or any matter dealt with in the certificate and in case of all defects and insufficiencies in the works or material which reasonable examination would not have disclosed. No certificate of the Engineer I/C shall off itself be conclusive evidence that any works or materials to which it relates are in accordance with the contract.

The Engineer I/C shall have power to withhold any certificate, if the works or any parts thereof are not being carried out to their satisfaction.

Payments upon the Engineer I/C certificate shall be made as per conditions mentioned in the tender under respective clauses.

25. Unfixed materials when taken into account to be the property of the Institute

When in any certificate of which the contractor has received payment the Engineer I/C have included the value of unfixed materials intended for and/or and place on or adjacent to the works such materials shall become the property of the institute (for any loss or damage to which the contractor shall be responsible) and they shall not be removed from the site except for the use upon the works without the written authority of the Engineer I/C.

26. Certificate of virtual completion

The works shall not be considered as completed until the Engineer I/C have certified in writing that they have been virtually completed and the Defects Liability period shall commence from the date of such certificate.

27. Defects after completion

The defects, shrinkage, settlements or other faults which may appear within the "Defects Liability period" stated in the appendix hereto or if not stated then within twelve months after the virtual completion of the works, arising in the opinion of the Engineer I/C from material or workmanship not in accordance with the contract shall upon the direction in writing of Engineer I/C and within such reasonable time as shall be specified therein, be amended made good by the contractor, at his own cost, and in case of default the Institute may employ and pay other persons to amend and make good such defects, shrinkage, settlement or other faults, and all damages, loss and expenses consequent thereon or incidental thereto shall be made good and borne by the contractor and such damage, loss and expenses shall be recoverable from him by the Institute or may be deducted by the Institute upon the Engineer I/C certificate in writing from any money due or that may become due to the contractor, or the Institute may in lieu of such amending and making good by the contractor deduct from any money due to the contractor a sum to be determined by the Engineer I/C equivalent to the cost of amending such works, and in the event of the amount retained under respective clause being insufficient, recover the balance from the contractor together with any expenses the Institute may have incurred in connection therewith. Should any defective work have been done or materials supplied by any sub-contractor employed on works who has been nominated or approved by the Engineer I/C as provided in respective clause the contractor shall be liable to make good in the same manner as if such work or provision of this clause and other respective clause hereof. The contractor shall remain liable under the provisions of this clause notwithstanding the signing by the Engineer I/C of any certificate or the passing of accounts.

28. Engineer I/C delay in progress.

Engineer I/C may delay the progress of the works with prior/specific approval of the Institute in case of rains or otherwise without vitiating, the contract, and grant such extension of time for the completion of the contract as he may think proper and sufficient in consequence of such delay, and the contractor shall not make any claim for compensation or damages in relation thereto.

29. Provisional sums application of

All the works for which provisional sums of money are provided may be selected or ordered from any manufacturers or firms at the discretion of the Engineer I/C or the Institute and the Institute reserved to himself the right of paying direct for any such work. The contractor shall not be entitled to any profits for provisional items.

30. Other persons engaged by the Institute

The Institute with the consent of the Engineer I/C reserves the right to execute any work not included in this contract which he may desire to have carried out by any persons, and the contractor shall allow all reasonable facilities and the use of his scaffolding and plant for the execution of such work but is not required to provide any special plant or material for the execution of such work except by special arrangement with the Institute. Such work shall be carried out in such manner as not to impede the progress of the works included in the contract and the contractor shall not be responsible for any damage or delay which may happen to or be occasioned by such work.

31. Suspension

If the contractor except on account of any legal restraint upon the institute preventing the continuance of the work or in case of a certificate for interim payment not paid within the period for honoring certificate, shall suspend the works or in the opinion of the Engineer I/C shall neglect or fail to proceed with due diligence in the performance of his part of the contract or if he shall more than once make default in respect of respective clauses the Institute shall have the power to give notice in writing to the contractor requiring that the work be proceeded within reasonable manner and with reasonable dispatch, such notice shall support to be a notice under this clause. After such notice shall have been given the contractor shall not be at liberty to remove from the site of the works or from any ground contiguous thereto any plant or materials belonging to him which shall have been placed thereon for the purposes of the works and the Institute shall have a lien upon all such plant and materials to subsist from the date of such notice being given until the notice shall have been complied with. If the contractor shall fail for 7 days after such notice has been given to proceed with the works as therein prescribed the employer may proceed as provided in the respective clause mentioned here in under.

32. Termination of contract by employer

If the contractor (being an individual or a firm) commit any 'Act of Insolvency' or shall be adjudged an Insolvent, or shall make an assignment or composition for the benefit of the greater part in number or amount of his creditors, or shall enter into a Deed of Assignment with his creditors or, (being an incorporated company) shall have an order made against him or pass an effective resolution or winding up either compulsorily or subject to the supervision of the court or voluntarily, or if the official assignee of the contractor shall repudiate the contract or lit the official assignee or the Liquidator in any such winding up shall be unable within seven days after notice to him requiring him to do so to the reasonable satisfaction of the Engineer I/C that he is able to carry out and fulfill the contract and required by the Engineer I/C give security therefore or if the contractor, (Whether an individual, firm or incorporated company) shall suffer execution to be issued or if the contractor shall suffer any payment under this contract to be attached by or on behalf of any of creditors of the contractors, or if the contractor shall assign or sublet the contract without the consent in writing of the Engineer I/C first obtained or if the contractor shall charge or encumber this contract or any payments due or which may become due to the contractor thereunder, or if the Engineer I/C shall certify in writing that in their opinion the contractor.

- a) Has abandoned the contract or
- b) Has failed to commence the works, or has, without any lawful excuse under these conditions suspended the progress of the works for fourteen days after receiving from the Engineer I/C written notice to proceed or
- c) Has failed to proceed with the works with such due diligence and failed to make such due progress as would enable the works to be completed within the time agree upon or
- d) Has failed to remove materials from the site or to pull down and replace works within seven days after receiving from the Engineer I/C written notice that the said materials or work were condemned and rejected by the Engineer I/C under these conditions, or
- e) Has neglected or failed persistently to observe and perform all or any of the acts, matters or things by the contract to be observed and performed by the contractor for seven days after written notice shall have been given to the contractor requiring the contractor to observe or perform the same, or
- f) Has to the detriment of good workmanship or in defiance of the Engineer I/C instructions to the contrary sublet any part of the contract

Then and in any of the said causes the Institute with the written consent of the Engineer I/C may, notwithstanding, determine the contract, but without thereby affecting the powers of the Engineer I/C or the obligations and liabilities of the contractor, the whole of which shall continue to be in force fully as if the contract had not been so determined and as if the work subsequently executed had been executed by or on behalf of the contractor and further the Institute with the consent of the Engineer I/C by his agents or servants may enter upon and take possession of the works and all plant, tools, scaffolding, sheds, machinery, steam, and other power, utensils and materials lying upon premises or the adjoining lands or roads, and use the same as his own property or may employ the same by means of his own servants and workmen in carrying on and completing the works by employing any other contractors or other persons to complete the works and the contractor shall not in any way interrupt or do any act, matter or thing to prevent or binder such other contractor or other person or persons employed for completing and finishing or using the materials and plant for the works. When the work shall be completed or as soon thereafter as convenient the Engineer I/C shall give a notice in writing to the contractor to remove his surplus materials and plants and should the contractor fail to do so within a period of 14 days after receipts thereof by him, the institute may sell the same by public auction and shall give credit to the contractor for the amount so realized. The Engineer I/C shall thereafter ascertain and certify in writing under their hand what (if anything shall be due or payable to by the institute, for the value of the said plant and materials so taken possession of by the Institute, and the expenses or which the institute shall have been put to in getting the works to being completed, and the expenses or which the institute shall have been put to in getting the works to being completed, and the amount if any owing to the contractor, and the amount which shall be so certified shall thereupon, be paid by the institute to the contractor or by the contractor to the institute as the case may be and the certificate of the Engineer I/C shall be final and conclusive between the parties.

33. Termination of contract by contractors

If payment of the amount payable by the Institute under any certificates of the Engineer I/C with interest as provided for therein after shall be in arrears and unpaid for thirty days after notice in writing requiring payment of the amount with interest as aforesaid shall have been given by the contractor to the institute or if the Institute interferes with or obstruct the issue of any certificate or if the institute commits any Act of insolvency or if the institute (being an individual or firm) shall be adjudged an insolvent or shall make an assignment or composition for the benefit of the greater part in composition for the benefit of the greater part in number or amount his creditors, or (being an incorporated company) shall have an order made against him or pass an effective

resolution for winding up either compulsorily or subject to the suspension of the court or voluntarily or the official assigning or the institute shall repudiate the contract, or the official assigning or liquidator in any such winding up shall be unable within 14 days after notice to him requiring so to do to show to the reasonable satisfaction of the contractors, that he is able to carry out and fulfil the contract and to make all payments due and to become due there under and if required by the contractor to give security for the same or if the works be stopped under the order of the Engineer I/C or by any injunction or other order of any court of law, then and in any of the said cases the contractor shall be at liberty to determine the contract by notice in writing to the Institute and he shall be entitled to recover from the institute payment for all works executed and for any loss he may sustain upon, any plant or material supplied or purchased or prepared for the propose of the contract.

In arriving at the amount of such payment the net rates contained in the Contractors original tender shall be followed or where the same may not apply valuations shall be made in accordance with relevant clauses.

34. Disputes be finally determined by Arbitrator

The decision, opinion, direction certificates or valuation with respect to all or any of the matters under various clauses shall be final and conclusive and binding on the parties hereto and shall be without Appeal. Any other decision, opinion, direction, certificate or valuation or any refusal of the institute to give any of the same shall be subject to the right of the Arbitration.

35. Deposit.

The amount deposited by the contractor along with his Tender shall be retained with the owner and shall be returned to the contractor as mentioned in the Appendix. In case of default in any of the foregoing conditions the deposit amount shall be forfeited to the Institute. The amount deposited by the contractor not bear any interest.

36. Settlement of Dispute, Arbitration

All disputes and differences of any kind whatever arising out of or in connection with contract or the carrying out of the works (whether during the progress of the works or after their completions and whether before or after the determination, abandonment of breach of contract) shall be referred to and settled by the Engineer I/C who shall state their decision in writing. Such decision may be in the form of a final certificate or otherwise. The decision of the Engineer I/C with respect to any of the excepted matters shall be final and without appeals. But if either the Institute or the contractor be dissatisfied with the

decision of the Engineer I/C or any matter, question of the dispute of any kind (except any of the excepted matters) or as to withholding any certificate to which the contractor may claim to be entitled, then and in any such case either party (the institute or the contractor) may within 28 day after receiving notice to such decision give a written notice to the other party requiring that such matters in dispute be arbitrated upon. Such written notice shall specify the matters which are in dispute and such dispute or difference of which such written notice has been given and no other shall be and is hereby referred to the arbitration. Arbitrators shall before be taking upon themselves the burden of Reference appoint an Umpire.

The arbitrator, the arbitrators or the umpires shall have power to open a preview and revise any certificate, opinion, decision, requisition or notice, save in regard to the excepted matters and to determine all matters in dispute which shall be submitted to him or them and of which notice shall have been given as aforesaid.

Upon every or any such reference the cost of and incidental to the Reference and Award respectively shall be in the direction of the Arbitration, or Arbitrators or the Umpire who may determine the amount thereof, or direct the same to be taxed as between Attorney and Client or as between party and party, and shall direct by whom and to whom and in what manner the same shall be borne and paid. The submission shall be deemed to be a submission to Arbitration within the meaning or the Indian Arbitration Act or any statutory modification thereof. The award of the Arbitrator or the Arbitrators or the Umpire shall be final and binding on the parties. Such reference except as to the withholding by the Engineer I/C of any certificates to which the contractor claims to be entitled, shall not be opened or entered upon until after the completion or alleged completion of the works or until after the practical session of the works arising from any cause unless with written consent of the Institute and the contractor, provided always that the Institute shall not withhold the payment of the interim certificate nor the contractor except with the consent in writing of the Engineer I/C in any way delay the carrying out the works by reason of any such matter, question or dispute being referred to arbitration but shall proceed with works with all due diligence and shall until the decision of the arbitrator or arbitrator or the umpire be given abide by the decision of the Engineer I/C in charge no award of the arbitrator or the Umpire shall relieve the contractor of this obligations to adhere strictly to the Engineer I/C instructions with regard to the actually carrying out of the works. The institute and the contractor hereby also agree that arbitration under this clause shall be condition precedent of any right of action under the contact.

2) STIPULATIONS FOR THE GUIDANCE OF THE TENDERERS

- 2.1 The scope of the work to be carried out shall be as described in the said drawing, specifications, and general conditions of contract, special conditions of contract, the appendix and the instructions. The time allowed for completion of works, the date of commencement, the Earnest Money, Mode of payment, Retention amount and the Security deposit are indicated in the Appendix.
- 2.2 A set of drawing incorporating the dimensions of all the buildings, open space including other constructional details shall be available for inspection in the office of the Admin section of IDTR Pune 411034.
- 2.3 In the event of a tender being submitted by a firm or company, it must be signed by each of the partners thereof and in the event of the absence of any of the partners it shall be signed on his behalf by a person holding a power of Attorney authorizing him to do so. Certified copies of Registration certificates, Partnership Deed and power of Attorney will have to be furnished when the tender is to be considered for acceptance.
- 2.4 Every tenderer may furnish along with his tender:
 - 2.4.1 Registration certificate of PWD/CPWD/ZP
 - 2.4.2 Income Tax certificate
 - 2.4.3 List of the works carried out during last three years and the list of the works now in hand with the following particular
 - 2.4.4 Name of the works with their locations
 - 2.4.5 Name of the Authorities under whom works were /are being executed
 - 2.4.6 Amount of the works completed and /or in progress
 - 2.4.7 List of the machineries maintained by the firm
 - 2.4.8 List of Technical staff employed by the him.
- 2.5 Every tenderer shall be expected to have studied the nature of site. Scope of works access to site, local conditions details of constructions, drawings, material and labor conditions as applicable to the works.
- 2.6 The tenderer shall not make any alterations or amendments in the scope of works. Specifications and descriptions as incorporated in the tender documents.
- 2.7 Tenders which propose such alteration additions or conditions or any sort will be liable for rejection.
- 2.8 Tenders shall be quote their competitive rates for the various items of work by filling in the rates in appropriate places of the priced schedule of probable quantities attached to the tender documents.
- 2.9 The rate should be entered at the appropriate places by filling in ink in English clearly and legibly

- 2.10 The tender shall quote his competitive rates against all the items of work of the priced schedule of probable quantities. In case the amount shown in the last column as stated by the tenderer differs from the product of the quantity and rate filled in the amount that may work out as based on the rate will be taken as correct. In case the rate as filled in words differs from that filled in figures, the former will be taken as correct. All corrections shall be initialed.
- 2.11 The various items of work shall be measured as per the standards specified in the conditions of contract. In case any standards of measurements are not contained in the conditions of contract, the means for measuring as prescribed by the Indian Standard Institute (latest edition) shall be followed.
- 2.12 No materials, service, tools, plants and equipment's shall be provided by the Institute to the Contractor for the purpose of the execution of work under this contract.
- 2.13 Electricity and water will be provided by the Institute free of charge for the execution of work under this contract.
- 2.14 The contractor should get the line out of the construction approved from the Engineer In-charge.
- 2.15 If any roads/existing structures are damaged during execution of the work under this contract the tenderer has to repair the same at his own cost for which no extra payment will be made. If tenderer fails to repair the same the cost of repairs will be deducted from his bills.

3) SPECIAL CONDITIONS OF CONTRACT

- 3.1 The Online E-tender should be addressed to PRINCIPAL, IDTR, Pune duly super scribed- Name of the work.
- 3.2 No tender will be received after the specified date and time under any circumstances whatever.
- 3.3 Tender will be opened on due date at Institute of Driving Training and Research Society, (IDTR) Pune-411034 in the presence of the committee nominated by the Secretary, IDTR and the tenderers or their representative, who may be present.
- 3.4 The Institute reserves the right to reject any all the tenders without assigning any reason.
- 3.5 The Earnest Money Deposit should be paid by the tenderers only by a demand draft drawn in favor of the PRINCIPAL, IDTRS Pune. EMD in the form of FDR Bank Guarantee, cheque etc. will not be accepted. The Earnest Money Deposit will be returned to unsuccessful tenderers after awarding the contract to successful tenderer or cancel tender and shall not bear any interest. In case of the successful tenderer. Earnest Money Deposit shall be converted in to Security deposit.
- 3.6 The tenderers, whose tender shall not furnish the Earnest Money Deposit by cash or by demand draft may be rejected.
- 3.7 Security deposit will be returned after the defect liability period (12 Month) is over. Security Deposit of the tenderers shall not bear any interest.
- 3.8 If the tenderer fails to start the work within stipulated time from the receipt of the work order, his Security Deposit will be forfeited, and his work order stands cancelled.
- 3.9 The tenderer shall complete the whole work in good workman like manner.
- 3.10 The rate shall be inclusive of all taxes, including Sales Taxes, Octroi and any other taxes laid by Government or Public Body till date.
- 3.11 A schedule of probable Quantities in respect of each item of work with its detailed descriptions and the specifications, accompany these special conditions. The schedule of probable quantities is liable to alteration omissions, deduction at the or additions at the discretion of the Institute. The tender should contain not only the rates but also the value of each item of work entered separate column and all the items should sum up in order to show the aggregate value of the entire tender. If the corrections are not initiated, the same may entail the rejection of the tender.
- 3.12 The tenderer should thoroughly acquaint himself with the conditions of contract, special conditions, detailed specifications, schedule of probable quantities etc. and all matters concerning the execution of the work. Every tenderer is expected, before quoting the rates, to inspect the site of the proposed construction and ascertain and ascertains for himself, the location, the local condition s site

surroundings, availability of materials including water and electricity, labor, tools, plants and equipment's etc. and all other matters concerning the execution of the work as required.

- 3.13 The rates quoted in the tender should not include all charges for double scaffolding, cantering materials. Cost of any tools and plants, sheds for materials setting out as mentioned in the detailed specifications. The rates quoted by the tenderer in the Schedule of probable Quantities will be deemed to be for the finished work in conformity with the drawings issued for 'Execution' which shall be measured at site. The rates shall be inclusive of Sakes Tax (Central & State), octroi duty or any other duty levied by the Government or Public bodies. The rates shall be firm and shall not be subject to exchange or variations due fluctuations of rates of material and labor conditions or any other conditions whatsoever.
- 3.14 The contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work whatever the cause of such delay may be, including delays in procuring government controlled or other building materials.
- 3.15 Time shall be considered the essence of the contract. The entire construction must be completed within specified time from the date of commencement of the work. The attention of the tenderer is drawn to cauls of the conditions of contract referring to damage for delay and /or non-completion of the work.
- 3.16 The construction will be carried out under the direction and stages as desired by the Engineer I/C.
- 3.17 The tenderer attention is drawn to all the clauses in the condition of contract, the special condition, the detailed specification, the detailed description of items, the schedule of probable quantities and the tenderer is informed that the parties to this contract shall be bound to the clauses and requirement contained therein.
- 3.18 The tenderer must use only the form of Schedule of probable quantities issued by the Institute to fill in the rates.
- 3.19 The Institute may delay the progress of the work or suspend the work on sufficient grounds, without vetting the contract and the contractor shall not make any claim for compensation and damages in relation thereto.
- 3.20 If the headquarters of the successful tender is elsewhere than Pune, he shall have a duly authorized agent as mutually agreed upon in the form of a site Engineer from the Commencement of the work until the buildings are occupied by the institute. Such agent shall be authorized to act on behalf of the successful tenderer to accept service of notices under the terms of the contract and to agree to extras, omissions and varied items of work and the rates for the same. Such agents shall

maintain on his staff a qualified Engineer and such other office personnel as may be required for the efficient execution of the works and intimate the same to the Institute. Any notice under the contract shall be deemed to have been served on the successful tender if served upon such agent or sent by registered letter to his address in Pune such agent shall not be changed and shall not leave Pune during the duration of the contract unless the consent of the Institute shall have been previously obtained. If the institute shall require the successful tendered to carry out any rectifications or alternations under the terms of the same carried out by the same agent or another duly authorized agent in Pune under intimation to the institute.

- 3.21 The successful tenderer shall send a duly authorized competent representative whether required to do so in connection with the work, and any instruction directions or explanations given by the institute to such representative shall be held to have been given to the successful tenderer.
- 3.22 While tendering if any conditions are stipulated by the tenderer, his tender while be liable to be summarily rejected.
- 3.23 The tender shall remain valid for a prescribed period from the date of opening the tender.
- 3.24 The selected contractor shall be responsible for procuring in time all the materials, labor, tools Plant and equipment required to maintain the required steady progress of the work to complete the entire work in stipulated time. No consideration shall be allowed for on account of delay, if any in obtaining the necessary supply for materials controlled or otherwise labor tools, planks and equipment's of due to non-availability to the sale.
- 3.25 The specification forming part of the contract have been drawn up with all possible care and are intended to cover the supply of all the material and the execution of all works necessary to complete the entire work in case there are any details of constructions of materials which have not been referred to in the specifications, detailed descriptions of items, schedule of probable quantities or the drawings but which are usual or essential for the completion of all works, the same shall be deemed to be including in the rates quoted by the contractor in the priced schedule of probable quantities.
- 3.26 The rates quoted by the tendered shall not be subject to change due to increase or decrease in the basic market rates of all the materials required for the execution of the works.
- 3.27 In the event of rain storm or other severe weather conditions arising the contractor shall always have in readiness on the site, framed sheeting, required quantity of tarpaulins of approved quality etc. for the projection of the works in progress.

Should any works be damaged due to the above-mentioned circumstances the Institute reserves the right to order the demolition and reconstruct of the same, as required, at the expenses of the contractor.

- 3.28 During the execution of the works it shall be incumbent on the part of the contractor to extend all facilities to the Architects, and / or representative, the consulting engineers, the Institute's Engineer and the clerk of the work to inspect, check and measure the work as and when required.
- 3.29 On commencement of the work, the successful tenderer shall submit allover programme of the works and the manner in which he envisages to organize the works and complete the same systematically and satisfactorily conforming to the specifications attaché herein above within the Engineer I/C that the progress is not maintained as indicated in the agreed scheduled programme the Institute reserves the right to executive any work or the part of the work by any other agency at the cost of the contractor. The Engineer I/C's decisions in the matter shall be final and binding on the contractor.
- 3.30 The mode of measurement and the mode of payment shall be in accordance with the stipulations specified separately and attached with the tender. In case of mode measurement which are not contained in these stipulations, the measurements shall be as per I.S. 1200 (latest edition) (method of measurement of building works).
- 3.31 The tenderer shall quote his competitive rates taking into consideration the facilities of early payments of the bills stipulated in the mode of payment attached with this tender.
- 3.32 Notwithstanding any conditions or clause mentioned therein, Institute's specific written and prior approval shall be obtained by the contractor before they undertake any item of work which would involve additional costs or additional financial burden on the Institute has execute extra items as and when required. The extra items rate will be worked out of material and labor plus 15% contractor's profit.
- 3.33 The contractor shall maintain a daily register on the site of works keeping the records of the following: -
 - a) Labor employed for work.
 - b) Tools, plants and equipment's on site.
 - c) Receipts and consumption of cements and steel.
 - d) Progress of the work
- 3.34 Variations: The quantities given in the schedule of quantities are provisional and are only to indicate the intent of the work and to provide a uniform basis for

- tendering. The contractor shall be paid for actual quantity of work executed by him in accordance with contract documents at the contract rates.
- 3.35 In consideration of the payment to be made to the contractor as hereinafter provided he shall upon and subject to the said conditions executive and complete the works shown upon the said drawings and such further detailed.
- 3.36 The Institute shall pay the contractor such sums as shall become payable hereunder at the times and in the manner specified in the said conditions.
- 3.37 The scope of work within plans and documents mentioned above shall form the basis of this contract and the decision of the Institute for the time being as mentioned in the conditions of contract in reference to all matters of dispute as to the material, workmanships or account and as to the intended interpretation of the clauses or any other documents attached hereto shall be finally binding on both parties and may be made a rule of court.
- 3.38 The said contract comprises the building above mentioned and all subs dial works connected therewith within the same as may be ordered to be done from time by the Institute. The Institute for the time being even through such works may not be shown on the drawings or described in the said specifications or the priced schedule or quantities.
- 3.39 The Institute reserves to himself the right of attending the drawings and nature of work and adding to or omitting any items of work or if having portions of the same carried out departmentally or otherwise and such portion of the same carried out departmentally or otherwise prejudice to this contracts.
- 3.40 The contractor must submit his bill in triplicate after recording measurements by Engineer I/C, as possible.
- 3.41 All disputes related to the above works of any nature subject to Pune (India) jurisdiction only.

3.42 If the order is placed with the contractor, they should submit on their letter head acceptance / non- acceptance of the subject work order to this Institute in the following format within seven days from the date of work order.

To, PRINCIPAL, IDTR, Pune	Date: _____
Sub: Work order for _____ Rs _____	
Work order No _____ Dated _____	
Sir,	
This is to acknowledge the receipt of subject work order. The terms Conditions, specifications, drawings, if applicable, schedule of Quantities, stipulated in the said work order have been read by us and acceptable to us.	
Thanking you,	
Yours faithfully,	
Authorized Sign _____	
Name:	
Seal	

4) GENERAL INFORMATION / CONDITION

1: Acceptance of work order by the contractor	: - Within 7 days from the date of work order
2: Period of completion of the work	: - Within 50 days from the date of work order acceptance by contractor
3: Security Deposit	: 5% of tender quoted value in Form of DD/ Bank guarantee to be submitted within 7 days from the date of work order accepted by contractor.
4: Liquidated damage for an completion of the work as stated (2):	: RS 1000/- per day or part there of subject to minimum 10% of the contract value
5. Minimum Value of work for R. A. Bill	As Per Mention in BAQ
6. Payment of R. A. and Final Bill	Within 20 working days after submission of bill by the contractor
7. Retention money on R. A. Bill	4% (Four percent) of each R.A bill
8: Refund of Security Deposit	Security deposit refund after completion of Defect Liability period of 12 Month from submission of Final bill date & within 30 working days after submission of claim by contractor for Refund of Security Deposit.
9: Defect Liability Period	12 Months from the date of virtual completion of the work OR Submission of Final bill date
10: EMD	RS. 2,80,100/- (Rupees Two Lakh eighty thousand one hundred Only)
11: Total Security Deposit:	Initial EMD Deposit plus Retention Money limited to 5% of the contract value

5) QUALIFICATION CRITERIA (For Technical Bid)

The work is proposed to be executed is as follows:

Renovation of Internal Bitumen Road at IDTR, Pune,

The estimated cost for the above projects is about Rs. one crores forty lakh and will have to be completed in a period of 50 days the eligibility criteria for technical Bid shall be as under:

QUALIFICATION CRITERIA: - FOR TECHNICAL BID: -

- 1 Bidder should have average annual financial turnover of minimum forty two Lakh during in the last three financial years ending 31-03-2024. (Attach CA Turn Over certificate / Audited Balance sheet (01/4/2021 to 31/03/2022 & 01/4/2022 to 31/03/2023 & 01/4/2023 to 31/03/2024)

- 2 A) Bidder should have completed Bitumen One Road work of amount Rs.one crore twelve lakh during in last 3 Financial Years.(FY 21-22, FY 22-23 and FY 23-24) (Completion certificate from Authority PWD or CPWD or Z.P. or Govt. or local municipal corporation)

OR

B) Bidder should have completed Bitumen two different road work of amount Rs. Seventy Lakh each during in last 3 Financial Years (FY 21-22, FY 22-23 and FY 23-24) (Completion certificate from Authority PWD or CPWD or Z.P. or Govt. or local municipal corporation)

OR

C) Bidder should have completed Bitumen Three different road work of amount Rs.56 Lakh each during last 3 Financial Years (FY 21-22, FY 22-23 and FY 23-24) (Completion certificate from Authority PWD or CPWD or Z.P. or Govt. or local municipal corporation)

- 3 Registration certificate of PWD or CPWD or ZP
- 4 GST Registration details and Pan Card Copy.
- 5 Income Tax return of Financial Year (01/4/2021 to 31/03/2022 & 01/4/2022 to 31/03/2023 & 01/4/2023 to 31/03/2024)
- 6 DD of Tender cost
- 7 DD of Earnest money deposit
- 8 All pages of tender documents signed, stamped by Bidder and same scanned and uploaded on the E-tender portal by the bidder.

Eligible and interested contractors may obtain Tender document from the E Tender Portal of CIRT Pune. Demand Draft of Tender Fee (non-refundable) of **Rs. 1000 /-** plus 18% GST in the favor of “PRINCIPAL, IDTR” Pune should be enclosed along with the technical bid envelope. A scanned copy of the Tender Fee Demand Draft should be uploaded on the e-tender portal.

IDTR reserves the right to independently verify the particulars furnished by the applicant to reject any application without assigning any reason to shortlist such number of contractors depending upon the number of applications received.

1 PROGRAMME OF WORKS

The Programmed of work envisaged for the contract is as follows:

Period of Completion*
• 50 days

* The period of completion Excludes rainy season

2 SALIENT INFORMATION

- 2.1 Details: Employer: **Institute of Driving Training and Research Society**
Next to SBI, Kasarwadi, Old Mumbai – Pune 411034
Telephone: 020-27121316
- 2.2 The tenders will be item rate tender.
- 2.3 The law governing the contract will be the Indian Law. The language in which the contract will be executed and operated will be English.
- 2.4 The information furnished herein is only indicative and must be considered only as adjure information to assist the prospective Bidder to decide whether to apply for tender/bid.

3. INSTRUCTIONS TO APPLICANTS

3.1 Method of Submission

Institute of Driving Training and Research, Pune, invites offer in an ‘Online E-Tender’ from reputed PWD and CPWD & ZP registered contractor for **Renovation of Internal Bitumen Road at IDTR Campus**

Technical Bids should be uploaded online on the e-tender portal. They should also be separately signed, sealed and duly super scribed with the name ‘Technical Bid for **“Renovation of Internal Bitumen Road at IDTR Campus”**’. Duly completed, sealed and superscribed Technical bid documents should reach the PRINCIPAL, IDTR as per the date mentioned in ‘Schedule of Tender’ on Page No 6. The technical bids shall be opened in the presence of the bidder or their representatives if they desire to be present. The

Financial Bids should be submitted online on the e-tender portal only. The bid of the applicant submitting hard copy of the Financial Bid shall be summarily rejected.

The SECRETARY, IDTR reserves the right to accept/reject/split-up any or all bids without assigning any reasons thereof.

- No costs incurred by applicant in making this offer, in providing clarification or attending discussions, conferences, or site visits will be reimbursed by the Employer.
- Incomplete applications are liable to be rejected.
- The language for submission of tender document / bid shall be English.
- Contractor shall not sublet/sub-contract any part of the work without prior written consent of the Employer.
- 'PRINCIPAL, IDTR' may be contacted for any further clarification
- The information furnished must be sufficient to show that the bidder is capable in all respects to successfully complete the envisaged work.
- The bidder may visit the project site before submitting the bid.
 - 1) Site survey to the bidders will be available only on 28/04/2025 from 10:00 hrs. to 13:00 hrs. at IDTR, Pune.
 - 2) Pre-Bid queries to be submitted through email on or before 30/04/2025 (Email id idtrpune@gmail.com)

3.2 The tender shall be considered to ascertain whether the bids:

- 1) DD of Tender Fee
- 2) DD of Earnest money deposit.
- 3) Signed ALL Tender Document
- 4) All documents as per the QUALIFICATION CRITERIA.
- 5) All documents to be signed, stamped, scanned and uploaded by the bidder on the e-tender portal.
- 6) One set of the sealed technical bid should be super scribed as 'Technical Bid for IDTR, Pune' and submitted to "PRINCIPAL, IDTR, Institute of Driving Training and Research, Next to SBI, Kasarwadi, Old Mumbai – Pune - 411034 before the due date as mentioned in the Schedule of Tender. Please note that all documents are to be submitted in sealed envelope with proper indexing.
- 7) The bidder should submit duly filled in Commercial Bid Format on the e-tender portal. No need to be submit the hard copy of the Commercial Bid along with technical bid to the IDTR

3.3 All bids which meet the above requirements subject to sufficient following document will be evaluated under the following

Sr. No.	Criteria	Documents Required
A	Financial Turn Over In Last Three Financial Year	CA Turn Over certificate / Audited Balance sheet (01/4/2021 to 31/03/2022 & 01/4/2022 to 31/03/2023 & 01/4/2023 to 31/03/2024)
B	Work experience in Last 3 Financial Years	completion certificate as per QUALIFICATION CRITERIA
C	Personnel and Establishment	If Available
D	Plant & Equipment	If Available
E	Company Information	<ul style="list-style-type: none"> • Registration/Incorporation Certification • PAN Card • GST Registration

3.4 If required, bidder may be advised to furnish full details with required proof/documents.

3.5 The decision of the Employer to accept or reject any application will be final. The Employer reserves the right to reject any or all application without assigning any reason.

3.6 The Employer reserves the right to modify any of the tender document criteria and/or to restrict the number of qualified bidders, if considered necessary, without assigning any reason.

3.7 All bidder will be intimated of the Institute's decision.

4. Selection Procedure

4.1 The response to Tender Form in the form of BID are requested for the item(s) in complete accordance with the documents/attachments as per the following guidelines. The bidders would be shortlisted based on the Technical pre-qualification and contractor would be selected on the basis of lowest commercial quote offered by the shortlisted bidders.

4.2 Evaluation Criteria

4.2.1 Prior to the detailed evaluation of the Technical Bids, the IDTR shall determine whether each bid is (a) complete, (b) is accompanied by the required information and documents and (c) is substantially responsive to the requirements set forth in the RFP document. Only those bidders, who fulfil all the qualifications mentioned in the section “Qualification Criteria” of the tender, shall be eligible and qualified for further technical scrutiny as per the Evaluation Framework given below.

4.2.2 Bidders should have fulfilled all requirements of Qualification Criteria in the technical evaluation to qualify for opening of the Commercial Bid. The Employer’s evaluation in this regard shall be final and binding on the Bidder.

4.2.3 The Employer may at its sole discretion, waive any minor informality or non-conformity or irregularity in a Bid Document, which does not constitute a material deviation, provided such a waiver does not prejudice or affect the relative ranking of any Bidder.

4.3 Evaluation Framework

4.3.1 The evaluation of the technical bids will be done by Employer. Technical evaluation conducted by the Employer shall be final and binding on all the bidders.

4.3.2 Bidders who have qualified as per the Qualification Criteria of this Tender Form shall be evaluated by the RFP Evaluation Committee, assessing each bidder’s ability to satisfy the requirements set forth in the Tender Form.

4.4 Commercial Bid Evaluation

4.4.1 Commercial bid of only those bidders who have qualified in Technical Bid shall be opened by the Employer.

4.4.2 The contract will be awarded to the qualified bidder whose responsive bid is determined to be the lowest evaluated commercial bid and fulfils all tender conditions.

4.4.3 Bidder shall submit their commercial bid only in the e-Tendering system. Price quoted elsewhere shall be liable to rejection.

4.4.4 IDTR reserves the right to confirm the preferred bidder as successful bidder subject to negotiations and approval of competent authority.

4.4.5 In commercial bid evaluation if L1 bidder does not agree to take order then subsequently L2 and L3 will be given chance to execute the order provided they matches the L1 bidders price.

4.4.6 Any figures (price) if left blank by the bidder in Financial BoQ/BoM will be considered as ‘0’ (zero).

4.5 Notification of Award

- 4.5.1 Prior to the expiration of the period of bid validity, the Employer will notify the successful Bidder that its bid has been accepted.
- 4.5.2 IDTR shall facilitate signing of the contract within the period of 7 days of the notification of award. However, it is to be noted that the date of commencement of the project and all contractual obligations shall commence from the date of issuance of Work Order/ Purchase order / Letter of Acceptance, whichever is earlier. All reference timelines as regards the execution of the project and the payments to the implementation agency shall be considered as beginning from the date of issuance of the Work Order/ Purchase order / Letter of Acceptance, whichever is earlier.
- 4.5.3 The notification of award will constitute the formation of the Contract. Upon the successful Bidder's, furnishing of Performance Bank Guarantee the purchaser may notify each unsuccessful Bidder and return their EMD's.

4.6 Signing of Contract

- 4.6.1 At the same time as the Purchaser notifies the successful Bidder that its bid has been accepted, the Purchaser shall send the Bidder the Pro forma for Contract, incorporating all agreements between the parties.
- 4.6.2 Within 7 working days of receipt of the Contract, the successful Bidder shall sign and date the Contract and return it to the Purchaser.
- 4.6.3 The rates in Work Order will be valid from the date of the issue of Work Order till the completion of the work. No representation in this regard will be entertained.

4.7 Rejection Criteria

Besides other conditions and terms highlighted in the tender document, bids may be rejected under following circumstances:

4.7.1 General Rejection Criteria

- 4.7.1.1 Bids received through Telex /Telegraphic / Fax / E-Mail except wherever required
- 4.7.1.2 Bids which do not confirm unconditional validity of the bid as prescribed in the Tender
- 4.7.1.3 If the information provided by the Bidder is found to be incorrect / misleading at any stage / time during the Tendering Process
- 4.7.1.4 Any effort on the part of a Bidder to influence the purchaser's bid evaluation, bid comparison or contract award decisions
- 4.7.1.5 Bids received by the purchaser after the last date for receipt of bids

prescribed by the purchaser

4.7.1.6 Bids without signature of person (s) duly authorized on required pages of the bid

4.7.1.7 Bids without power of authorization and any other document consisting of adequate proof of the ability of the signatory to bind the Bidder.

4.7.2 Technical Rejection Criteria

4.7.2.1 Technical Bid containing commercial details.

4.7.2.2 Revelation of Prices in any form or by any reason before opening the Commercial Bid

4.7.2.3 Failure to furnish all information required by the Tender Document or submission of a bid not substantially responsive to the Tender Document in every respect

4.7.2.4 Bidders not quoting for the complete scope of Work as indicated in the Tender documents, addendum (if any) and any subsequent information given to the Bidder

4.7.2.5 Bidders not complying with the Technical and General Terms and conditions as stated in the Tender Documents

4.7.2.6 The Bidder not confirming unconditional acceptance of full responsibility of providing services if the bid does not conform to the timelines indicated in the bid.

4.8 Commercial Rejection Criteria

4.8.2.1 Incomplete Price Bid

4.8.2.2 Price Bids that do not conform to the Tender's price bid format.

4.8.2.3 Total price quoted by the Bidder does not include all statutory taxes and levies applicable.

4.8.2.4 If there is an arithmetic discrepancy in the commercial bid calculations the purchaser shall rectify the same. If the Bidder does not accept the correction of the errors, its bid may be rejected.

Institute of Driving Training and Research Society

Next to SBI, Kasarwadi, Old Mumbai – Pune Highway, Pune/411034

Application

Description of Works:

“Renovation of Internal Bitumen Road at IDTR Campus”

To
The Secretary,
Institute of Driving Training and Research
Next to SBI, Kasarwadi, Old Mumbai – Pune Highway
Pune-411034

Dear Sir,

Having examined the tender document including scope of works and timeframe of construction, we hereby submit/ upload all the necessary information and relevant documents for bidding for the above-mentioned work.

It is certified that the information furnished in this document is authentic. We hereby authorize IDTR to make independent enquiries to verify the information furnished by us.

We understand that IDTR reserves the right to reject any or all applications without assigning any reason at any stage thereof.

Date

(Signature of Applicant)

Including title and capacity in which
application is made with seal

Institute of Driving Training and Research Society

Next to SBI, Kasarwadi, Old Mumbai – Pune Highway, Pune/411034

DETAILS OF ORGANISATION

A. GENERAL INFORMATION

1	Name and address of the Firm	:	
2	Contact Person	:	
3	(a) Telephone	:	
	(b) Mobile	:	
	(c) Fax	:	
	(d) E-Mail	:	
4	Place of incorporation/registration	:	
5	Year of Incorporation registration	:	
6	Main Lines of Business	:	

B. FINANCIAL STATEMENT

Annual turnover (Civil Engineering Projects) data for last three years

YEAR	:	TURNOVER IN Rs. LAKHS
FY 2021-2022	:	
FY 2022-2023	:	
FY 2023-2024	:	

Note:

1. All individual firms must complete the information in this form. The information supplied should be the annual construction turnover in terms of the amount billed to clients for each year in progress or completed during the last three years.
2. Attested copy of the audited balance sheets and profit & loss account for the last 3 years shall be enclosed.

C. CLEARANCE CERTIFICATES (If Available)

CERTIFICATES	YES	NO
GST & Professional Clearance Certificate		
Updated/Validated Contractor Enlistment		
Other Relevant Tax Certificates		

Note: Attach attested copies of items answered 'Yes' above.

Note:

1. Give details of all the key equipment's for construction such as concrete mixers, weigh batchers, vibrators, trucks, tippers, Hoists, Rammers, Steel shuttering plates, Steel Scaffolding materials, polishing machines that the firm proposes to use for the proposed works at the site.
2. The applicant should clearly demonstrate that he has access to all key equipment which will be required for the successful completion of the works.

D. EXPERIENCE RECORD

Details of 'Civil Works' completed during last Two years [Data shall be supported by photographs of the project]

Sl. No.	Name of work & Name & address of the owner	Total Cost (Rs. Lakhs)	Date of Commencement	Date of Completion

Note: - Provide copies of Work Orders and Completion Certificates for each project.
- & Completion Certificates will be verified, if required.

- Details of all works which are at various stages of execution including works for which work orders have been received but work is yet to start or works approaching completion but for which full completion certificates are yet to be issued or to be provided.
- Details as available at the time of preparation of this document have to be provided.

AFFIDAVIT

I / We, the undersigned, certify that all the statements made in the tender forms and in the required attachments are true and correct.

The undersigned hereby authorize(s) and request(s) any bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the EMPLOYER / ENGINEER to verify this statement or regarding my(our) competence and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the Department/Project Implementing Agency.

(Signed by an Authorized Officer of the firm)

(Title of Officer)

(Name of Firm)

(Date)

Schedule of Quantity

Renovation of Internal Bitumen Road at IDTR, Pune

BOQ OF IDTR INTERNAL ROAD

Sr No.	SSR No. 2022-2023	Description	Quantity	Unit
1	51.134	ITEM NO. : 1:- Milling of existing bituminous surface to specified depth of bituminous layer including disposal of removed material with all lift and lead up to 1000 m etc complete. Using machine like Writgen (W100) or equivalent. As directed by Engineer incharge	14288	One Square Metre
2	3.31	ITEM NO. : 2:- Providing and applying tack coat on the prepared surface heating by fames in Boiler and spraying bitumen with sprayer on Dry / Hungry B.T. surface 3 kg/10 sqm. (VG-30 bulk bitumen rates are considered to arrive at rates)....(INo3-31, PgNo 30) (STATE SSR) Item Spec: (MORTH 503)	14288	Square Metre
3	3.48	ITEM NO. : 3:- BITUMINOUS CONCRETE:- Providing and laying bituminous concrete using crushed aggregates of grading 1, premixed with bituminous binder @ 5.20 per cent by weight of total mix and filler, transported to site with VTS , laid over a previously prepared surface, finished to the required grade, level, alignment, and rolling to achieve the desired compaction for 50 mm compacted thickness with specified grade of Bitumen, Excluding prime / tack coat. For Bitumen of specified grade -- USING Batch mix type hot mix plant WITHOUT SCADA, Sensor Paver, Vibratory roller with Stone Dust filler. (VG-30 bulk bitumen rates are considered to arrive at rates)....(INo3-48 NS, PgNo 34) (STATE SSR) Item Spec: (MORTH 507) RA NO. : 1	714	CU.MT.
4	3.44	ITEM NO.- 4:- DENSE BITUMINOUS MACADAM:- Proving and laying dense bituminous macadam using crushed aggregates of Grading 1, premixed with bituminous binder of specified grade of Bitumen@4.50 percent by weight of total mix and filler, transported to site with VTS, laid over a previously prepared surface, finished to the required grade, level, alignment, and rolling to achieve the desired density for 76-100 mm compacted thickness. USING Batch mix type hot mix plant with SCADA, Sensor Paver, Vibratory roller with Stone Dust filler.(VG-30 bulk bitumen rates are considered to arrive at rates MORTH 505	87	CU.MT.
5	3.48	ITEM NO. : 5:- Development of test track in BC with specified surface characteristic as per IS 14664: 2010 Cl No 5.1.1	87	CU.MT.
		Test Surfaces		
		1.High-friction surface		
		a) Applicable to all dynamic brake tests excluding the ABS tests where a low-friction surface is specified;		
		b) The test area is a clean, dry and level surface, with a gradient \leq 1 percent; and		
c) The surface has a nominal peak braking coefficient (PBC) of 0.9, unless otherwise specified.				

		BITUMINOUS CONCRETE:- Providing and laying bituminous concrete using crushed aggregates of grading 1, premixed with bituminous binder @ 5.20 per cent by weight of total mix and filler, transported to site with VTS , laid over a previously prepared surface, finished to the required grade, level, alignment, and rolling to achieve the desired compaction for 50 mm compacted thickness with specified grade of Bitumen,Excluding prime / tack coat. For Bitumen of specified grade -- USING Batch mix type hot mix plant WITHOUT SCADA, Sensor Paver, Vibratory roller with Stone Dust filler. (VG-30 bulk bitumen rates are considered to arrive at rates)....(INo3-48 NS, PgNo 34) (STATE SSR) Item Spec: (MORTH 507).		
6	51.124	ITEM NO. : 6:- Providing and laying of Plastirib T or equivalent raised profile edge line marking (audible vibratory)with special hot applied thermoplastic road marking compound according to IRC35:2015, Clause 7 .7 with 2 mm thick base coat layer above that ribs profile size of length 40 mm x width 140 mm x height 6 mm thick (Total 8mm thick)at the distance of 250 mm between two ribs including reflectorizing glass beads@250 gm/sq.mtr. area. The minimum and maximum width of raised profile should be 150mm. The thickness of 8 mm profil should be exclusive of surface applied glass beads. The finished surface to be exclusive of surface applied glass beads. The finished surface to be levelled, uniform and free from streaks and holes, to be applied on edge lines. As directed by Engineer incharge RA NO. : 2	682	One Square Meter
7	6.09	ITEM NO. : 7:- Supplying and Fixing of Molded Shank Raised Pavement Markers/Cat's Eye made of polycarbonate and ABS moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the len sface and shall support load of 16000 kg tested in accordance to ASTM D 4280 Type Hand complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 DOIII Dt 11.06.1997. The height, width and length shall not exceed 50mm, 100 mm and 102+/-2 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35+/-5 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than19+/- 2 mm and height not less than30+/-2mm) from the body is to be minimum value of 500Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin-based adhesive as per manufacturer's recommendation and complete as directed by the engineer. The contractor shall submit two-year warranty for satisfactory field performance including stipulated retro-reflectance of the reflecting panel, to the Engineer. (MORTH 806)	350	One Number
8	3.48	ITEM NO. : 8:- Construction of Speed Breaker in Bituminous Concrete as per specifications mentioned in IRC:99-2018 Cl 3.1.1 and details attached with this document along with the drawings. BITUMINOUS CONCRETE:- Providing and laying bituminous concrete using crushed aggregates of grading 1, premixed with bituminous binder @ 5.20 per cent by weight of total mix and filler, transported to site with VTS , laid over a previously prepared surface, finished to the required grade, level, alignment, and rolling to achieve the desired compaction for 50 mm compacted thickness with specified grade of Bitumen,Excluding prime / tack coat. For Bitumen of specified grade -- USING Batch mix type hot mix plant WITHOUT SCADA, Sensor Paver, Vibratory roller with Stone Dust filler. (VG-30 bulk bitumen rates are considered to arrive at rates)....(INo3-48 NS, PgNo 34) (STATE SSR) Item Spec: (MORTH 507).	4	CU.MT.

9	3.31	ITEM NO. : 9:- Application of Tack Coat for Speed Breaker Construction: Providing and applying tack coat on the prepared surface heating by fumes in Boiler and spraying bitumen with sprayer on Dry / Hungry B.T. surface 3 kg/10 sqm. (VG-30 bulk bitumen rates are considered to arrive at rates)....(INo3-31, PgNo 30) (STATE SSR) Item Spec: (MORTH 503). RA NO. : 3	70	Square Metre
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PART II - TEST CHARGES			Quantity	Unite
1	Page 765	Test NO. : 1 BITUMEN Penetration, Softening Point, Flash & Fire,Point, Specific Gravity....(Pg No 765 STATE SSR), Item Spec: (As per Standard Specification)	5	Number
2	Page 765	Test NO. : 2 BITUMEN Extraction Test. (Bituminous Mix)....(Pg No 765 STATE SSR Item) Spec: (As per Standard Specification)	5	Number
3	Page 765	Test NO. : 3 BITUMEN Extraction & Sieve Analysis of Bituminous mix (for BM/DBM/AC) (2 samples of extraction for one sieve analysis including extraction)....(Pg No 765 STATE SSR Item) Spec: (As per Standard Specification)	5	Number
4	Page 765	Test NO. : 4 Marshall Stability & Flow measurement (Set of 3 moulds) (Pg No 765 STATE SSR Item) Spec: (As per Standard Specification)	5	Number
5	Page 765	Test NO. : 5 Job Mix Design with all Tests on aggregate (Excluding bitumen) for DBM/SDBC/AC/SMA (Stone Mastic Ashphalt) (Pg No 765 STATE SSR Item) Spec: (As per Standard Specification))	5	Number
6	Page 765	Test NO. : 6 Density of Bituminous Core (Pg No 765 STATE SSR Item) Spec: (As per Standard Specification))	5	Number
7	Page 765	Test NO. : 7 Taking of core samples in bituminous flexible pavement. (Excluding Dead Journey Charges) (Pg No 765 STATE SSR Item) Spec: (As per Standard Specification)	5	Number

Speed Breaker in Bituminous Concrete:

- Provision of speed breaker as per details given in IRC:99-2018.

IRC:99-2018

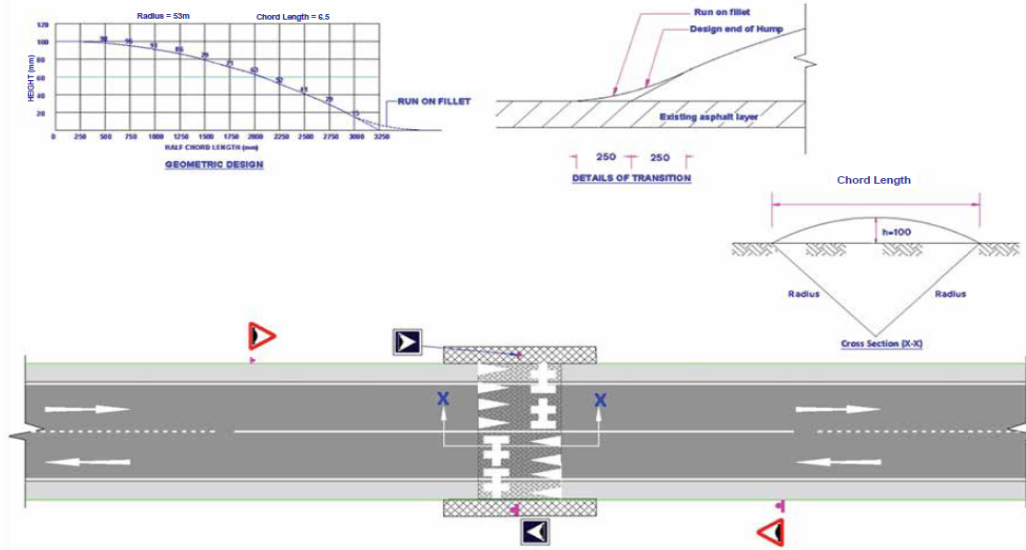


Fig. 3.1 Geometric Details of Circular Road Hump

Specification: Table 3.1 of IRC99-2018.

- Recommended Radii and Chord Lengths, Circular Humps (Assumed Rise = 10)

Desired Speed	Radius	Chord Length	Bus Speed During Passage
20 km/h	11 m	3.0 m	5 km/h
25 km/h	15 m	3.5 m	10 km/h
30 km/h	20 m	4.0 m	15 km/h
35 km/h	31 m	5.0 m	20 km/h
40 km/h	53 m	6.5 m	25 km/h
45 km/h	80 m	8.0 m	30 km/h
50 km/h	113 m	9.5 m	35 km/h

