

TENDER NOTICE

(For Recarpeting & repairing of Internal Bitumen Road
at
Indian Institute of Information Technology, Allahabad)



भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद Indian Institute of Information Technology, Allahabad

An Institute of National Importance by Act of Parliament
Deoghat, Jhalwa, Allahabad-211012 (U.P.) INDIA

Ph.: 0532-2922025, 2922067, Fax : 0532-2430006, Web : www.iiita.ac.in, E-mail : contact@iiita.ac.in

Ref. No. : IIIT-A/DR(S&P)/ 401 /2016
Date : 21/12/2016

Tender Notice

Sealed tenders are invited from **Eligible Government approved contractors, enlisted in CPWD/PWD/MES/Central Govt./State Govt./PSU/Autonomous bodies etc. in APPROPRIATE CLASS** for and on behalf of IIIT-A under **TWO BID SYSTEMS** for "Recarpeting & repairing of internal bitumen road at Indian Institute of Information Technology- Allahabad".

The detailed specifications and terms & conditions are given in **Annexure I, II, III & IV**. The "Technical and Commercial Bids" in two separate sealed envelopes addressed to the Deputy Registrar (S&P), IIIT-Allahabad upto **24/01/2017 at 12:00 Noon**. Tender duly sealed may be dropped in the tender box placed in the office of the Deputy Registrar (S&P). The technical bid received in prescribed proforma will be opened in the presence of the tenderers, or authorized representatives interested to be present, on **24/01/2017 at 03:30 P.M.** The Financial bids of technically qualified tenderers will only be opened after technical evaluation by the Technical Committee. The representatives should bring the authorization letter from their authorized signatory for attending the tender opening process. Tender document may be downloaded from the Institute website www.iiita.ac.in and submitted along with Rs.5000/- of tender processing fee in form of DD.


(Dr. Seema Shah)
Deputy Registrar (S&P)

Copy to:

- Hon'ble Director for kind information.

SPECIAL CONDITIONS OF CONTRACT



A. Bidder is requested to read carefully the following and comply:

1. These instructions are over and above the instructions contained in the enclosed set of tender documents.
2. Bidder must fill the letter of Undertaking and Declaration Proforma complete in all respect.
3. Bidder must quote their rates exclusive of all taxes and duties. Taxes applicable may be quoted separately giving full details.
4. Bidder must sign in each and every page of the enclosed tender documents and submit the same in sealed cover superscripting the NIT No. name of work, bid opening date and EMD particulars.
5. Tender should be submitted in TWO separate envelop, namely, TECHNICAL BID and FINANCIAL BID. The Technical and Financial Bids dully sealed in separate envelops must be kept inside a single third envelop and clearly superscripted as " Recarpeting & repairing of internal Bitumen Roads at IIIT-A". This third envelop shall also contains "EMD & TENDER FEE".
6. In case of acceptance of the bid, the successful bidder/bidders must enter into a contract agreement on Non-Judicial Stamp Paper valuing Rs. 100/- within seven days from the issue of the Detailed Award Letter/ work order.
7. Rates should be quoted in Indian Rupees, both in figures and in words in clear illegible writing. No overwriting is allowed. All scoring and cancellations should be countersigned in full by the tenderer. In case of illegibility/Discrepancy, the interpretation of the Engineer-in-charge/Tender Committee shall be final.
8. Quoted rate should be valid at least for 03 months from the date of opening.
9. All figures etc. must be in English Language only.
10. The lowest rate will not be the basis of claim to get the order.
11. The firms/companies that were black listed at any stage need not to apply.
12. Director, Indian Institute of Information Technology, Allahabad reserves the right to reject or accept any tender.
13. Director, Indian Institute of Information Technology, Allahabad will be the sole arbitrator of all the disputes and his decision will be binding on both the parties.
14. Director, Indian Institute of Information Technology, Allahabad reserves the right to alter/modify any or all conditions of this tender notice.
15. Completion period of the work shall be one month from the date of award of work.
16. The defect liability period shall be 24 months.
17. INCOMPLETE, CONDITIONAL OR DELAYED BIDS shall not be considered and summarily rejected.
18. All disputes are subject to Jurisdiction of Allahabad.

B. Qualifying /Eligibility criteria along with terms & Conditions:



1. Sealed tenders under two bid system are invited from the eligible Contractor having proficiency in road works and enlisted in CPWD/PWD/MES/Central govt./state govt./PSU/Autonomous bodies etc. in Appropriate Class for the work of "Recarpeting and Repairing of Bitumen Road at IIIT-A Jhalwa campus Allahabad".
2. It is mandatory for the participant to submit the following documents with Technical Bid.
 - a. Copy of Enlistment/Registration Certificate of Appropriate Class of Contractor.
 - b. Copy of service tax registration certificate from the office of customs & Central Excise department.
 - c. Copy of valid P.F. & E.S.I. Registration
 - d. Copy of PAN /TAN/TIN etc. , as applicable.
 - e. Copy of Audited Profit and Loss for last 3 years.
 - f. Detailed experience certificates for last 5 years of similar kind of works executed.
3. The tenderer shall submit a declaration that, the price/rate submitted is "UNCONDITIONAL".
4. The Earnest money should be deposited in the form of crossed DD/Banker's cheque drawn in favour of Indian Institute of Information Technology-Allahabad, payable at Allahabad.
5. Tenders not accompanied with EMD or EMD not being in the requisite form shall not be considered and rejected. EMD of successful tenderer shall be retained and dealt as per the contract; while EMD of unsuccessful tenderer shall be refunded, without any interest within 30 days from the date of opening of Financial bid.
6. The tenderer shall submit the original tender document duly signed and stamped on each paper as a token of acceptance of all terms and conditions and scope of work as given.
7. The rates in the tender shall be valid up to 90 days from the date of opening of the tenders. The rates shall be exclusive of service tax/trade tax etc as applicable during the contract period. Any increase or decrease in statutory payments during the contract period will be reimbursed / deducted by the Institute on production of evidence.
8. The security deposit in the form of the Bank Gaurantee/FDR (valid beyond 60 days of defect liability) 10% of the contract value and the EMD will be adjusted in the security deposit. SD will be released to the contractor after the date of successful completion of the Defect liability period of the contract.
9. Tenderers must have minimum five years of experience as on 01.12.2016 in works of similar nature. Preference will be given to agencies having experience in the field of construction and maintenance of bituminous road works in govt. department offices and staff quarters etc.
10. Tenderers should have undertaken/ completed the following work in the last 5 years:
 - (a) One similar work of value not less than (80% of the value of work to be executed)

OR

(b) Two similar works, each of value not less than (50% of the value of work to be executed) OR

(c) Three similar works, each of value of value not less than (40% of the value of work to be executed).

11. The annual turnover for the last three years, of the agency must not be less than Rs.1.5 Cr. **(profit and loss account/balance sheet duly certified by CA should be enclosed).**
12. The Institute reserves the right to accept or reject any or all the tenders, wholly or partly without assigning any reason whatsoever.
13. If any damage is done to the Institute's installation by the Contractor's Labours, the same shall be recovered from the Contractor. Therefore proper care must be taken and experienced /qualified persons should be deputed on the job to ensure safety of the man and materials. The suitable penalty shall be imposed on any misconduct default, damages caused to the Institute due to negligence of contractor.
14. All disputes or difference what so ever arising between the parties out of relating to this contract or breach there off shall be settled by Director, IIIT-A, who will decide the dispute and whose decision shall be final and binding on both the parties. Regarding Jurisdiction of court, the Allahabad court will have jurisdiction.
15. Force majeure conditions shall be applicable.
16. In addition of above terms and Conditions, general conditions of Electricity act and safety rules, manpower, deployment rules, labour law etc. will be applicable.
17. Contractor shall furnish the document pertaining to the upto date payment of S.T., E.S.I. and P.F. up to last financial year i.e. 31.03.2016.
18. The detailed scope for work is as per **Annexure- (IV)**

Technical Bid**(On letter head of the Firm & in a separately sealed envelope)****PROFORMA FOR APPLICATION**

1. Name of the firm: -
2. Address of the firm :-.....
.....
3. Phone Number (With Code):-
4. Proprietor's name: -
5. Address of Proprietor: -
6. Proprietor's Phone No. :-
7. Details of the firm:-
 - (a) Date from which the firm is operating: -
 - (b) Turnover of the firm during: - FY 2013-14 (Rs.).....
..... FY 2014-15
(Rs.).....
..... FY 2015-16 (Rs.).....

(Please attach documentary evidence)

- (c) PAN No. :-
- (d) TIN No. :-
- (e) Service Tax Registration No. (If any):-.....

8. Tender Processing Fee: An amount of Rs. 5,000/- (Rs. Five Thousand Only) of tender (non refundable) is to be paid in the form of DD in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad**.

9. E.M.D.: The tenders should be accompanied with Earnest Money Deposit (EMD) in a form of a **Demand Draft/FDR** in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad** (Any bid without EMD will not be considered). EMD should be enclosed with the Technical Bid document in a separate envelop. The EMD/FDR will be returned to the unsuccessful bidders within 30 days and to the successful bidders after submission of full Security Deposit in the shape of FDR or Bank Guarantee. EMD may be adjusted against security deposit if desired, in the case of successful bidder.

Amount of EMD as below:

Sl. No	Description	EMD Amount (Rs.)	DD No./FDR Date
1.	Recarpeting & Repairing of internal Bitumen Road at Indian Institute of Information Technology, Allahabad	Rs.1,20,000.00 (One Lakh Twenty Thousand)	


Financial Bid**(On letter head of the Firm & in a separately sealed envelope)**

Sl. No.	Description	Unit	Qty.	Unit Rate (Rs.)	Amount (Rs.)
1.0	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On bituminous surface @ 0.50 Kg / sqm. DSR- 2014, Item No: 16.30.2	SqM	11291.00		
2.0	4 cm thick bitumastic sheet with hot bitumen of approved quality, using stone chippings (60% with 12.5 mm nominal size and 40% with 10 mm nominal size) @ 2.60 cum per 100 sqm and coarse sand @ 2.60 cum per 100 sqm of road surface and with bitumen @ 56 kg/cum of stone chippings and @ 128 kg/cum of sand over a tack coat with hot straight run bitumen, including consolidation with road roller of 8 to 10 tonne etc. complete. (tack coat to be paid separately) : With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt. DSR-2014, Item No: 16.39.1	SqM	11291.00		
3.0	Providing and laying Dense Graded Bituminous Macadam using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge. 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.DSR-2014, Item no: 16.54.6	CuM	16.00		
Total Rs.					

In words:

Taxes if any:

GENERAL CONDITIONS OF CONTRACT

Annexure-III

1. **Bid:** The tenders are to be submitted in two part viz. "Technical Bid" and "Commercial Bid" in two separate sealed envelopes separately. The commercial bid will be opened only after acceptance of "Technical Bid".
2. Based on the evaluation of the technical bid submitted by the tenderer, the Committee would shortlist, the tenderers. The short listed tenderers may be asked to make a presentation after opening of the technical bid before the committee, if required.
3. **Price Basis:** Rate should be quoted F.O.R. destination at IIIT-A, Deoghat, Jhalwa, Allahabad.
4. **Security Deposit :** The firm whose tender is accepted, 10% of the total amount of the contract will be made by them against security deposit in the form of FDR/ Bank Guarantee for the period of two months beyond the date of defect liability. (Two years).
5. EMD and Tender Fess should be submitted with Technical Bid. The EMD will be forfeited if the contractor fails to commence the work as per letter of Award.
6. **Payment:** Payment for the work shall be made within 15 days after satisfactory report & recommendation of Engineer in-charge. The payment shall be made through RTGS only and the contractor is required to furnish the "BANK DETAILS" for the same. The deduction of the TDS, etc., shall be made as per the existing norms.
7. **Taxes:** The unit rates should be quoted exclusive of all taxes, duties, levies, freight, insurance etc., which may be given separately indicating the nature of taxes charged. Rates for additional/optional features should be quoted separately. This may be considered separately by the committee.
8. The Contractor, who will be awarded, will have to enter into agreement with IIIT-A within 7 days of Letter of acceptance. The agreement is to be executed on adequate stamp paper. Cost of stamp paper will be borne by the contractor.
9. In view of the wide publicity the details are also available on Institute website: www.iiita.ac.in, may be seen.
10. Tender should be addressed to Deputy Registrar (S&P), Indian Institute of Information Technology, Allahabad.

For any query pertaining to this bid correspondence may be addressed to:

Dr. Seema Shah
Deputy Registrar (S&P)
IIIT-Allahabad, Jhalwa, Campus
Phone : +91 0532-2922008
E-mail: info.purchase@iiita.ac.in

Deputy Registrar (S&P)

Certified that the information in the proforma is true. I/We agree to the contents of terms & condition of the quotation/tender.

Seal and Signature of Contractor

.....

TECHNICAL SPECIFICATIONS & SCOPE OF WORK

1.0 SPECIFICATIONS:

1.1 The specifications for the entire work under the Contract shall be in accordance with the latest "CPWD Specifications", including all correction slips, Indian Road Congress Standard Specifications and Codes of Practice, latest "Indian Standard codes". Wherever these codes are silent, the same shall be governed by sound Engineering practice, and the decision of the "Engineer-in-Charge [EIC]", in matter of interpretation, shall be final and binding on the Contractor.

1.2 The bidder must read carefully all such specifications/codes before submitting their bid. It shall be deemed that the Bidder has thoroughly read & understood the "GCC", "SCC" & "Specifications & Scope of Work" before filling in the rates/prices, irrespective of the fact whether they have really done so or not, and no claim on this account shall be entertained at a later date.

1.3 Order of Precedence for specifications of works:

- i) Letter of Acceptance
- ii) Technical Specifications and Scope of Work
- iii) CPWD Specifications Vol – I & II
- iv) Indian Standard Codes
- v) Indian Road Congress Standard Specifications
- vi) Standard Engineering Practice

2.0 SCOPE OF WORK:

The scope of work shall be generally as per Schedule of Rates, drawings etc. for the subject work which are self-explanatory but not limited to the quantities and specifications indicated therein. However, it is understood that the scope of work shall include inter alia, the carrying out of any and all works and providing any and all facilities, as required for completing the works as per terms and conditions of Contract Document.

The work includes tools, tackles, men and machine as required for the completion of the job in all aspect as per contract specifications. Contractor's scope of work shall include but not limited to the following:-

2.1 REPAIRING POTHoles DEEPER THAN 50 MM:

Potholes which are considerably deeper than 50 mm shall repaired as per following:

- i) **Cutting:** Road surface around potholes shall be cut in to a square/ rectangular shape for easy measurement.
- ii) **Filling:** Filling potholes with graded stone aggregate (size range 53 mm to 0.075 mm) till depth 50 mm from top of existing road surface (this includes providing, laying, spreading and compacting).
- iii) **Surface dressing:** Provide Surface dressing on new surface in two coats with bitumen of grade VG - 10 of approved quality using 1.8 kg of bitumen per sqm with 1.5 cum of stone chippings 13.2 mm nominal size per 100 sqm of road surface for first coat and 1.1 kg. of bitumen per sqm with 1.00 cu. metre of stone chippings 11.2 mm nominal size per 100 sqm of road surface for second coat, including consolidation of each coat separately with road roller of 6 to 8 tonne capacity etc. complete.
- iv) Measurement will be taken for each pothole in cum (Area of pothole x depth)

2.2 APPLYING TACK COAT OF HOT STRAIGHT RUN BITUMEN:

Providing and applying tack coat using hot straight run bitumen of grade VG – 10 (conforming to IS: 73, 2013) including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications: On bituminous surface @ 0.50 Kg / sqm.

i) PREPARATION OF SURFACE

Prior to the application of bitumen, all vegetation, loose sealing compound, caked mud, animal dung, dust, dirt and foreign material shall be removed from the entire surface of the pavement and from existing dummy, construction and expansion joints (wherever existing) by means of mechanical sweepers and blowers, otherwise with steel wire brushes, small picks, brooms or other implements as approved by the Engineer-in-Charge. The material so removed shall be disposed off as directed by the Engineer-in-Charge. The tack coat shall not be applied nor any bitumen work done during rainy weather or when the surface is damp or wet or when the atmospheric temperature in the shade is not more than 16°C.

ii) APPLICATION OF TACK COAT

Bitumen shall be heated in a boiler to a temperature of 165°C to 175°C and maintained at that temperature. Temperature shall be checked at regular intervals with the help of a thermometer.

Hot bitumen shall be applied evenly to the clean, dry surface by means of a pressure sprayer at specified rate. Even and uniform distribution of bitumen shall be ensured. Bitumen shall be applied longitudinally along the length of the pavement and never across it. Excessive deposits of bitumen caused by stopping or starting of the sprayer or through leakage or any other reason shall be suitably rectified.

iii) MEASUREMENT & RATE

Length and breadth shall be measured correct to a cm, along the surface of pavement. Area shall be worked out in sqm correct to two places of decimal. Rate shall include the cost of all materials and labour involved in all the operations described above.

2.3 PROVIDING AND LAYING 2.5 CM/ 4 CM THICK PREMIX CARPET:

A. 2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). With paving Asphalt grade VG - 30 with no solvent.

B. 4 cm premix carpet surfacing with 3.6 cum and 1.8 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete as per instructions of EIC: With paving Asphalt grade VG - 30 with no solvent (tack coat to be paid for separately).

The carpeting material will be brought from the hot mix plant only, available in the surrounding area. This item shall include:

i) PREPARATION OF SURFACE

Repairs: Pot holes or patches and ruts in surface course which is to be surface treated, shall be repaired by removal of all loose and defective material by cutting in rectangular patches and replacement with suitable material. For the purpose of repairs the area of pot holes shall be taken up to 0.75 sqm and depth up to 5 cm. All pot holes, patches and ruts up to 2.5 cm deep shall be repaired and brought to level with premix and properly consolidated while those of depths greater than 2.5 cm shall be repaired with similar specifications as adopted originally.

Cleaning: Prior to the application of the binder, all dust, dirt, caked mud, animal dung, loose and foreign material etc. shall be removed 30 cm on either side, beyond the full width to be treated, by brooms etc. The material so removed shall be disposed off as directed by the Engineer-in-Charge. For a water bound macadam surface, the interstices between the road metal shall be exposed up to a depth of about 10 mm by means of wire brushes. The surface shall then be brushed with soft brooms to remove all loose aggregate. Finally the traces of fine dust which get accumulated while brushing shall be thoroughly removed from the surface by blowing with gunny bags. The prepared surface shall be closed to traffic and maintained fully clean till the binder is applied.

ii) MATERIALS

- a. 2.25 Cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm for 2.5 cm premix carpet.
- b. 3.6 Cum and 1.8 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm for 4 cm premix carpet.
- c. Binder material shall be of 52 kg and 56 kg of hot bitumen (heated 149°C to 177°C; conforming to IS: 73, 2013) per cum of stone chippings of 13.2 mm and 11.2 mm size respectively.

iii) APPLICATION OF TACK COAT

Tack coat shall be applied and to be paid separately as described in 2.2.

iv) PREPARATION OF PREMIX

The aggregate shall be dry and suitably heated to temperature as directed by Engineer-in-Charge before these are placed in the mixer to facilitate mixing with the binder. Mixers of approved type shall be employed for mixing the aggregates with the bituminous binder.

The binder shall be heated to the temperature appropriate to the grade of bitumen approved by the Engineer-in-Charge, in boilers of suitable design avoiding local overheating and ensuring a continuous supply. The aggregates shall be dry and suitably heated to a temperature as directed by Engineer-in-Charge before these are placed in the mixer. After about 15 seconds of dry mixing, the heated binder shall be distributed over the aggregates at the rate specified. The mixing of binder with chippings shall be continued until the chippings are thoroughly coated with the binder. The mix shall be immediately transported from the mixer to the point of use in suitable vehicles or wheel barrows. The vehicles employed for transport shall be cleaned and be covered over in transit if so directed.

v) SPREADING AND ROLLING

The premixed material shall be spread on the road surface with rakes to the required thickness and camber or distributed evenly with the help of a drag spreader, without undue loss of time. The camber shall be checked by means of camber boards and inequalities evened out. As soon as sufficient length of bituminous material has been laid, rolling shall commence with 6 to 9 tonne power rollers, preferably of smooth wheel tandem type, or other approved plant. Rolling shall begin at the edges and progress towards the centre longitudinally. Except on the super elevated portions rolling shall progress from the lower to upper edge, parallel to the centre line of the pavement. The consolidated thickness shall not at any place be less than the specified thickness by more than 25%. However, the average thickness shall not be less than that specified in the item.

When the roller has passed over the whole area once, any high spots or depressions which become apparent shall be corrected by removing or adding premixed materials. Rolling shall then be continued until the entire surface has been rolled to compaction and all the roller marks eliminated. In each pass of the roller, preceding track shall be overlapped uniformly by at least 1/3 width. The roller wheels shall be kept damp to prevent the premix from adhering to the wheels and being picked up. In no case shall

fuel/lubricating oil be used for this purpose. Rollers shall not stand on newly laid material as it may get deformed thereby.

The edges along and transverse of the carpet, laid and compacted earlier shall be cut to their full depth so as to expose fresh surface which shall be painted with a thin surface coat of appropriate binder before the new mix is placed against it.

vi) SURFACE FINISHING

The surface regularity both in longitudinal and transverse directions shall be within the tolerances as following

<i>Longitudinal profile Max. permissible undulation when measured with 3 M straight edge</i>	<i>Cross profile Max. permissible variation from Specified profile when measured with a camber Template</i>
10 mm	6mm

The longitudinal profile shall be checked during rolling with a three metres long straight edge and graduated wedge at the middle of each traffic lane along the road. Similarly the transverse profile shall be checked with adjustable templates at intervals of 10 metres.

vii) RECTIFICATION

Where the surface irregularity fall outside the specified tolerances the contractor shall be liable to rectify it to the satisfaction of Engineer-in-Charge by adding fresh material and recompacting to specifications where the surface is low. Where the surface is high the full depth of the layer shall be removed and replaced with fresh material and compacted to specifications.

viii) MEASUREMENTS AND RATES

The length and width of the finished work shall be measured correct to a cm along the finished surface of the road. The area shall be calculated in square metre, correct to two places of decimal. The rate shall include the cost of materials and labour involved in all the operations described above for the particular item.

2.4 PROVIDING AND APPLYING SEAL COAT:

This work shall consist of the application of a seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall (camber). Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.

The binder shall be heated in boilers of suitable design, approved by the Engineer-in-Charge to the temperature appropriate to the grade of bitumen or as directed by the Engineer-in-Charge. The aggregates shall be dry and suitably heated to a temperature between 150°C and 165°C or as directed by the Engineer-in-charge before these components are placed in the mixer. Mixing of binder with aggregates to the specified proportions shall be continued until the latter are thoroughly coated with the former.

The mix shall be immediately transported from the mixing plant to the point of use and spread uniformly on the bituminous surface to be sealed.

As soon as a sufficient length has been covered with the premixed material, the surface shall be rolled with an 8-10 tonne smooth-wheeled roller. Rolling shall be continued until the premixed material completely seals the voids in the bituminous course and a smooth uniform surface is obtained. Further, the prepared finished surface shall be protected from traffic for 24 hours or such period as may be directed by the Engineer-in-Charge.

2.5 PROVIDING AND APPLYING OF ROAD MARKING STRIPS:

Painting road surface marking with adequate no's of coats (minimum 2 coats) to give uniform finish with ready mixed road marking paint conforming to IS: 164, on bituminous surface in white/yellow shade, including cleaning the surface of all dirt, scales, oil, grease and foreign material etc. complete.

2.6 All safety precautions are to be taken for execution of the work particularly for hot work, etc. required for the road work.

2.7 The contractor shall have to abide by all **SAFETY RULES & REGULATIONS** applicable for the works. This will include issue of security passes for all workers, provision of safety equipment, personal protective equipment etc. Safety equipment/ personal protective equipment will have to be provided by contractor at his own cost without any payment liability on IIT-A.

2.8 All materials should be approved by EIC / site engineer before execution, failing which material used will not be accepted and no payment will be made towards the same.

2.9 Contractor should ensure the safety of his material at his risk and cost. IIT-A will not be responsible for any type of damage or loss etc.

2.10 Contractor is advised to make a site visit before quoting for the tender to understand the scope of work.

2.0 TESTING & INSPECTION:

3.1 The Contractor shall carry out the various tests as per CPWD/ IRC/ IS Specifications/ Standards as per requirements of work and instructions of EIC. No separate payment shall be made unless otherwise specified in schedule of rates.

3.2 All the tests either on the field or at outside laboratories concerning the execution of the work and supply of materials by the Contractor shall be carried out by Contractor at his own cost. Requisite certificates will be produced by the Contractor.

3.3 Any work not conforming to Technical Specifications and Scope of Work, concerning CPWD specifications, Indian Road Congress Specifications and IS codes shall be rejected forthwith and the Contractor shall carryout the necessary rectification at his own cost.

3.4 All results of inspection and tests will be recorded in the inspection reports, pro forma of which will be approved by the Engineer-in-Charge. These reports shall form part of the completion documents.

3.5 Inspection and acceptance of work shall not relieve the Contractor from any of his responsibilities under this Contract.

3.6 Contractor shall submit original copies of different certificates of required tests performed in the field and laboratory as per specification of relevant BIS Codes /CPWD Specifications to the EIC.

3.7 Any additional test

3.8 If EIC feels requirements of any of these test, the Contractor has to carry out test as per instructions of EIC.

4.0 BILL OF QUANTITY

The bill of quantity of the work is mentioned as under:

Sl. No.	Description	Unit	Qty.
1.0	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On bituminous surface @ 0.50 Kg / sqm. DSR- 2014, Item No: 16.30.2	SqM	11291.00
2.0	4 cm thick bitumastic sheet with hot bitumen of approved quality, using stone chippings (60% with 12.5 mm nominal size and 40% with 10 mm nominal size) @ 2.60 cum per 100 sqm and coarse sand @ 2.60 cum per 100 sqm of road surface and with bitumen @ 56 kg/cum of stone chippings and @ 128 kg/cum of sand over a tack coat with hot straight run bitumen, including consolidation with road roller of 8 to 10 tonne etc. complete. (tack coat to be paid separately) : With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt. DSR-2014, Item No: 16.39.1	SqM	11291.00
3.0	Providing and laying Dense Graded Bituminous Macadam using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge. 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.DSR-2014, Item no: 16.54.6	CuM	16.00

FORM-1

Details of the similar works in Hand

(On the letter head of the firm)

Sl. No.	Name of Customer	Description of work	Date of		Remarks
			Start	completion	

Sign and Seal of Contractor

FORM-2

List of work related Equipment, Machinery and tools tackles etc immediately available with the Bidder for use on this work.

(On the letter head of the firm)

Sl.No.	Description	Function/Purpose	Remarks

Sign and Seal of Contractor

FORM-3

Details of technical personnel with the bidder who will be deployed for this work

(On the letter head of the firm)

Sl.	Name of person	Whether working in Field or in Office	Mode of employment & Experience	Period for which the person is working with the Bidder	Remarks

Sign and Seal of Contractor

1
Amx

Proforma of Letter of Undertaking

(To be executed on non-judicial stamp paper of value Rs.100/- & to be submitted by the tenderer along with the tender)

To,

**The Director,
Indian Institute of Information
Technology Devghat Jhalwa, Jhalwa
Campus Allahabad**

Dear Sir,

1.0 I/* We have read & examined the following bid documents relating to

- 1.1 Notice Inviting Tender..... dt
- 1.2 Conditions of contract at IIITA
containing sections 'Notice Inviting Tender' & All Conditions of Contract.
- 1.3 Special Conditions of Contract.
- 1.4 Drawing Nos. as mentioned in the BOQ and attached drawings.
- 1.5 Technical Specifications

*I/ *We hereby submit our tender and undertake to keep our tender valid for a period of **90 days** for the date of opening of tenders i.e. upto /.....

*I/ *We hereby further undertake that during the said period *I/* We shall not vary / alter to revoke my / our tender during the validity period of tender.

This undertaking is in consideration of IIITA agreeing to open the tender, consider and evaluate the same for the purpose of award, in terms of provisions of tender documents. Should this tender be accepted, *I/ * We also agree to abide by the fulfill and comply with all the terms and conditions and provisions of the above mentioned tender documents.

Signature alongwith seal of the Company

Duly authorized to sign the tenderer on behalf of the contractor

Name:

Designation:

Witness:

Name of Co. (Block Letters)

Signature:

Date:

Date:

Postal Address:

Name & Address:

Telegraphic /Telex No:

PERMANENT ACCOUNT NUMBER OF BIDDER



The bidder is advised to take his Permanent Account Number (PAN) from the Income Tax Department, if not taken so far, may please furnish the same. In case the application has been furnished and PAN not allotted so far, the declaration to this effect may also be furnished in the Bid in the following format:-

Our PAN is:.....

Or

We have applied for PAN to income Tax Deptt. on and the PAN is awaited

OBSERVANCE OF LABOUR LAWS AND CONTRACTORS LIABILITY

1. The contractor shall comply the provisions of all labour laws applicable and in particular comply with provision of the contract (Regulation and Abolition Act, Minimum Wages Act, Workman's Compensation Act. Etc.)
2. Under the Provisions of any law or by an order of the Competent Authority/Court, in respect of this contract or labourer so supplied, the Management of IIIT-A shall have right to deduct such amount from the bills/security deposit or otherwise recover from the contractor. The contractor shall be responsible to reimburse such amount to IIIT-A on demand and without any demur, reservation, contest or protest.
3. The contractor shall at all time indemnify the IIIT-A against all claims, damages or compensation under provisions of payment of wages act? 1946, Minimum Wages Act, 1948, Employers Liability Act, 1938. The workman's compensation Act, 1923, industrial Dispute Act, 1946 and the Maternity Benefit Act, 1961 or any modifications there in or any other law relating thereto and rules made there under from time to time or as a consequence of any accident or injury to any workman or other persons in or about the works, whether in your employment or not save any except where such accident or injury has been resulted from any act of Corporation, his agents or servants & also against all costs, charges & against all sum or sums which may with your consent be paid to compromise or compounds any such claim. Without limiting the obligations and liabilities as above provided you shall insure against all claims, damages or compensations payable under the workman's compensation Act, 1923 or any modification thereof or any other law relation thereto.
4. The contractor shall prove to engineer-in-charge from time to time that contractor has taken out all the insurance policies referred to above and have paid the necessary premiums for keeping the policies alive.
5. The aforesaid insurance policy/policies shall also show IIIT-A as assured beneficiary along with the contractor.
6. The aforesaid policy/policies shall provide that they shall not be cancelled till the in charge of the contractor has agreed to their cancellation.

DECLARATION
(Regarding ownership and/or employment of IIIT-A Employees)

No: IIITA/DR(S&P)/AC/O&M/ /2016 dt : . .2016

To be filled in by the tenderer, signed and submitted along with tender papers.

I/We hereby declare that I/we or Partners or Directors of our concern do not have any such person under my/or employment who has retired/resigned/ removed / dismissed from IIIT-A during the last two years.

I/We hereby declare that I/We or partners or Directors of our concern have the following under my/our employment who has/have retired/resigned/removed/dismissed from IIIT-A during the last two years.

Sl.	Name of Person	Date of leaving	Reasons for leaving IIIT-A

I/We hereby declare that I/We or partners of directors are not related to any employees of IIIT-A OR

I/We hereby declare that the following persons employed in IIIT-A and any other IIIT-A Project/Station are related to me/us for partners or directors of our concern as per details indicated.

Sl.	Name of Person	Designation and Name of project or Office of IIIT-A	Relationship

NOTE: The near relative shall include wife, husband, parents and Grand Parents, children and Grand Children, Brother And Sister, Uncles, Aunts and Cousins and their corresponding in-laws.

(SIGNATURE OF TENDERER)

NAME

WITNESS SIGNATURE:

NAME :

PLACE :

DATE :

Note:

1. Please tick whatever is applicable and delete/cut whatever is not applicable
2. Please attach extra sheet if necessary



AGREEMENT

An agreement made this on _____ day of _____ between Dy. Registrar (S&P), Indian Institute of Information Technology, Allahabad _____ (herein referred to as Employer) of the part and M/s _____ (herein referred as the Contractor of the other part).

Whereas in response to call for tender for the _____ as per tender paper at _____ hereto contractor has submitted a Tender as per Annexure 'A' hereto and whereas the said Tender of the contractor has been accepted the total estimated contract value of Rs. _____ as per copy of letter of acceptance of Tender No. _____ Dated _____ completed with enclosures at the accepted rates and agreed deviations from Tender Papers as per annexure hereto. Now this agreement witness that consideration of premises and the payment to be made by the Employer to the contractor provided for herein below the contractor shall supply all equipments and materials and executed and perform all works for which the said Tender of the contractor has been accepted strictly according to the various provisions in Tender papers hereto and upon such supply execution and perform to the satisfaction of the Employer, the employer shall pay to the contractor at the several rates accepted as per the said annexure and in terms of provisions herein.

In witness whereof the parties have here unto set and subscribed their respective hands and /or seals the day and years respectively mentioned against their respective signatures.

Signed and delivered at _____ by Sri _____

For and on behalf of M/s _____
the contractor within named in the presence.

(Authorized Signatory)

Witness:

1. Signature
Name in Block Capitals _____
Address _____

2. Signature
Name in Block Capitals _____
Address _____

Signed and delivered at _____ by Sri _____

Dy. Registrar (S&P), Indian Institute of Information Technology, Allahabad in the presence of:

Dy. Registrar (S&P)

Witness:

1. Signature
Name in Block Letter _____
Address _____

2. Signature
Name in Block Letter _____
Address _____
