



## INDIAN INSTITUTE OF MANAGEMENT INDORE

Prabandh Shikhar, Rau-Pithampur Road, Indore-453556 (M.P.), India  
Ph. 0731-2439620

**NIT / IIMI/Project/05/2016/29**

**Name of work: “Providing & Fixing up of window curtain & Sun Control window film in the Windows of Administrative Building & New Gymnasium at IIM Indore”**

<b>BID ISSUE DATE</b>	May 10, 2016
<b>LAST DATE OF BID SUBMISSION</b>	May 23, 2016 upto 03.00 PM
<b>DATE OF BID OPENING</b>	May 23, 2016 at 03.30 PM
<b>ESTIMATED COST</b>	Rs. 11,40,750/-
<b>EARNEST MONEY DEPOSIT (EMD)</b>	Rs. 22,800/- (Rupees Twenty two thousand eight hundred only)
<b>TENDER PROCESSING FEE</b>	Rs. 1000/- (Rs One thousand only)
<b>COMPLETION PERIOD</b>	45 Days

# Indian Institute of Management Indore

## Notice Inviting Tender

NIT/IIMI/Project/05/2016/29

The Chief Engineer, IIM Indore on behalf of the Director, IIM Indore invites sealed tender from reputed & eligible event management service providers/ firms fulfilling the pre-qualification criteria enumerated below for the following work and will be received at the office of “The Chief Engineer, Project Department, 2<sup>nd</sup> floor, Administration Block, Indian Institute of Management Indore, Prabandh Shikhar, Rau - Pithampur Road, Indore 453556 (M.P.)” up to 03.00 P.M. on May 23, 2016. The bids will be opened at 3:30 PM on the same day.

1	Name of Work	Providing & Fixing up of window curtain & Sun Control window film in the Windows of Administrative Building & New Gymnasium at IIM Indore
2	Earnest money deposit (EMD)	Rs. 22,800/- (Rupees Twenty two thousand eight hundred only) shall be payable in the form of Banker's cheque / Demand Draft / Fixed Deposit Receipt (FDR) of any Nationalized or Scheduled Commercial Bank issued in the favour of 'Indian Institute of Management, Indore payable at Indore. Bids received without EMD will be rejected. EMD of unsuccessful bidders will be returned.
3	Tender Processing Fee	Rs. 1000/- (Rs One thousand only) shall be payable in the form of Banker's cheque / Demand Draft of any Nationalized or Scheduled Commercial Bank issued in the favour of 'Indian Institute of Management, Indore payable at Indore. Bids received without Tender processing fee will be rejected.
4	Site visit if required	During the Office hours upto 1:00 PM on May 23, 2016.
5	Last date of the Submission	May 23, 2016 upto 03:00PM
6	Date & time of opening of the tender	May 23, 2016 at 03:30PM
7	Mode of Submission	Can be dropped in the Box kept at the Office of the Project Department, Indian Institute of Management Indore, Prabandh Shikhar, Rau - Pithampur Road, Indore 453556 (M.P.) or sent by post at their own risk. Late receipt of bid will not be accepted.
8	Address to which Tender to be sent & place of tender opening	The Chief Engineer, Project Department, 2nd floor, Administration Block, Indian Institute of Management Indore, Prabandh Shikhar, Rau - Pithampur Road, Indore 453556 (M.P.)
9	Contact Number	0731-2439620
10	Qualifying Criteria	1) The bidder shall have the Experience of having successfully completed works during the last 7 years ending March 31, 2016. The works completed upto previous day of last date of submission of

		<p>tenders shall also be considered. (Documentary evidence in support of this is to be produced)</p> <p>(i) Three similar completed works costing not less than the amount equal to 40% of estimated cost put to tender i.e. Rs. 4.56 Lakh, or Two similar completed works, costing not less than the amount equal to 60% of the estimated cost put to tender i.e. Rs. 6.84 Lakh, or One similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost i.e. Rs. 9.13 Lakh. and</p> <p>(ii) One completed work of any nature (either part of (i) or a separate one) costing not less than the amount equal to 40% of the estimated cost put to tender i.e. Rs. 4.56 Lakh with some Central Government Department/State Government Department / Central Autonomous Body/ State Autonomous Body/ Central Public Sector Undertaking / State Public Sector Undertaking / City Development Authority/ Municipal Corporation of City formed under any Act by Central/ State Government and published in Central/State Gazette. Note: The value of work done will be assessed as per the value mentioned in the experience/completion certificate issued by the respective</p> <p>2) The bidder should have the experience of carrying out the similar nature of works. Similar nature of work implies roller blinds &amp; Glass films supply and fixing.</p> <p>3) The bidder should have achieved at-least 100% of the estimated cost i.e. Rs. 11.40 Lakh, during the immediate last 3 consecutive financial year, as an average annual financial turnover (in similar / equivalent types of works only).Documentary evidence in support of this is to be produced. Certified copies of Income tax returns, Head wise audited balance sheets, Profit &amp; Loss Account of minimum three years are required to be submitted.</p> <p>4) The documentary evidence in support of the above like experience certificate/Bill/Payment/TDS Certificate issued by client should be submitted.</p>
11	Performance Guarantee	<p>The successful tenderer, after allotment of work will be referred to as the contractor, shall have to deposit an amount equal to 5% of the tendered and accepted value of the work as performance guarantee in one of the following forms:</p> <p>(i) Government securities. (ii) Fixed Deposit Receipt (FDR) of a Scheduled Bank. (iii) An irrevocable bank guarantee bond of any scheduled bank or the State Bank of India in the prescribed form given in Annexure 1. Within 07 days of issue of the letter of acceptance. The letter for commencement of work shall be issued to the contractor only after he/she submits the performance guarantee in an acceptable form. Refund of this deposit will be regulated as per the regulation laid down for this purpose in the CPWD works manual.</p>

12	Security Deposit	The security deposit shall be collected by deductions from the bill of the contractors a sum @ 2.5% of the gross amount of the bill. Such deductions shall be made unless the contractor has deposited the amount of security at the rate mentioned in Government securities or Fixed Deposit Receipts. This is in addition to the performance guarantee that the contractor is required to deposit. And this shall be retained till the defect liability period.
13	Contract Agreement	At the time of notification of award, the contractor shall arrange supply of non-judicial stamp paper of value Rs.500/- or as per the rules/regulation of the local Govt. and execute the Contract Agreement within 10 days.(Format attached at Annexure 2)
14	Bid Validity	90 (Ninety) Days
15	Working Days	Institute observes five days working week (Monday to Friday).Contractors will not be allowed to work on holidays.

## **Evaluation of Tenders**

IIM Indore will determine the substantial responsive of each proposal with reference to terms & conditions. For this purpose a substantial proposal is one which confirms to all the requirements scheduled without material deviations. The evaluation shall normally but not necessarily be based on lowest quoted tenders basis for the entire scope of work.

The scope besides cost will include the profile of the tenderer and past record, value of similar work done and their extent, proven capability evidenced by testimonials from relevant authorities. IIM Indore does not bind itself to accept lowest tenders or any tender and reserves the right to itself the right of accepting the whole or any part or portion or reject all bids without assigning any reason.

IIM Indore reserve the right to check the quality of each and every items brought for the purpose and if found substandard, the same will be rejected and the tenderer / agency is bound to remove it from site.

## **Other information:**

1. Tender once accepted cannot be altered by the bidder. However IIM Indore reserves the right to modify certain items or call for additional items whatever found essential for fulfillment of job.
2. Bidders can attend a pre-bid meeting on May 19, 2016 at 03.00 PM at Project Department, Administration Block, IIM Indore campus for site visit, inspection and discussion on any technical and commercial aspects.
3. Interested bidders are requested to go through the terms and conditions of the tender. Queries for the Pre-bid meeting, if any may be forwarded by E-Mail to ([projectdept@iimidr.ac.in](mailto:projectdept@iimidr.ac.in)) well in advance i.e. latest by May 18, 2016 -04.00pm so that those points can be discussed during the Prebid meeting on May 19, 2016.

**Note:** Tender document can be downloaded from official website of IIM Indore under URL: <http://www.iimidr.ac.in/iimi/index.php/tenders> OR from <http://eprocure.gov.in/epublish/app>.

## **Instructions to Bidder (ITB) and other Terms & Conditions:**

Bidders are requested to kindly go through the detailed Terms & Conditions mentioned below and submit most competitive bid:

1. Please mention the name of the work, ref. no. & due date of the tender on the top of the Bid envelop.
2. Please submit copy of your Income Tax Number and copies of PAN with your offer.
3. Please submit copy of your registration no. for this Service being rendered with your offer.
4. The offer must be submitted in Single bid system in sealed envelope within the stipulated date and Time.
5. No Tender/bid is to be handed over to any of our staff/ any other person.
6. All tenders/tenders should be sent or deposited in the tender box at the following address: Chief Engineer, Project Department, Second Floor, Administration Block, IIM Indore, Prabandh Shikhar, Rau-Pithampur Road, Indore- 453556, M.P. only
7. Tenders must be sent sufficiently in advance so that it reaches us on or before the due date and time. Tender received after the due date & time cannot be considered.
8. The firm quoting for above mentioned items should be the authorized dealer/distributor for carrying out the job. The institute will not be responsible for any statutory compliance in respect of items and Services provided by the firm.
9. The Bank/RTGS detail must be submitted along with the tenders on the letter head.
10. Agencies Black listed and Suspended from carrying out business by any Government offices, Autonomous bodies, Educational and/or research institutes, PSUs etc need not submit their bid. Suppression of information in this regard will be taken seriously.
11. IIM Indore reserves the right to amend the eligibility criteria, terms and conditions in the interest of the work.
12. Price Bid form at Annexure -3 should be used for bid submission.
13. The Earnest Money Deposit (EMD) of Rs. 22,800/- (Rupees Twenty Two thousand eight hundred only) shall be payable in the form of Banker's cheque / Demand Draft / Fixed Deposit Receipt (FDR) of any Nationalized or Scheduled Commercial Bank issued in the favour of 'Indian Institute of Management, Indore' payable at Indore. Bids received without EMD will be rejected.
14. Performance Guarantee :The successful tenderer, after allotment of work will be referred to as the contractor, shall have to deposit an amount equal to 5% of the tendered and accepted value of the work as performance guarantee in one of the following forms:

- (i) Government securities.
- (ii) Fixed Deposit Receipt (FDR) of a Scheduled Bank.
- (iii) An irrevocable bank guarantee bond of any scheduled bank or the State Bank of India in the prescribed form given in Annexure-1.

Within 07 days of issue of the letter of acceptance. The letter for commencement of work shall be issued to the contractor only after he/she submits the performance guarantee in an acceptable form. Refund of this deposit will be regulated as per the regulation laid down for this purpose in the CPWD works manual.

#### 15. Security Deposit:

The selected bidder has to deposit the security deposit also. The security deposit shall be collected by deductions from the running bill of the contractors a sum @ 2.5% of the gross amount of the bill and shall be deducted from each running bill as well as final bill of the contractor. Such deductions shall be made unless the contractor has deposited the amount of security at the rate mentioned in Government securities or Fixed Deposit Receipts. This is in addition to the performance guarantee that the contractor is required to deposit. Refund of this deposit will be regulated as per the regulation laid down for this purpose in the CPWD works manual

- 16. No interest will be payable by IIM Indore on the Earnest Money Deposit, performance guarantee & Security deposit. If the successful bidder fails to execute the job as per Work Order's terms and conditions within stipulated period, the performance guarantee will be forfeited by IIM Indore
- 17. Overhead Charges: The quoted price (final offer) must be F.O.R. - IIM Indore, Indore including all overheads such as Packing, Forwarding, Loading/Unloading, Transporting, Postage/Courier, Octroi, Freight, Insurance etc.
- 18. Additional Charges if any, for Installation, Packing-Unpacking, Loading/Unloading, erection, Commissioning, Inspection, Certification, Extended Warranty any other charge(s) must be included in the quoted amount.
- 19. Discounts: The bidder need to mention clearly the exact figure/Percentage of discount offered, if any.
- 20. Validity of the bid: The validity period of the offer should be clearly specified. It should be at least for 90 (Ninety) days from the last date of submission of tenders.
- 21. Completion Schedule: The work should be completed in all respect within 45 days from the date of placing the order.
- 22. Place of Work: IIM Indore Campus, Prabandh Shikhar, Rau-Pithampur Road, Indore- 453556, M.P.
- 23. Receipt of Goods: The items mentioned in the schedule should be delivered at appropriate place in Good condition and as per required specification. The Items would be weighed, counted and measured, if required to confirm the accuracy.
- 24. Terms of Acceptance: The items will be treated Accepted only after Inspection for Features and Functions. This includes delivery, installation & commissioning, Inspection, demonstration, schedule etc.

25. Specification and Make: Tender should confirm the exact specification and make, Model, if any shown in the tender against Sl. No. of the item.
26. The competent authority shall have power (i) to make alteration in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.
27. Deviation: Deviation means deviation in quantities of items, i.e. where there is increase or decrease in the quantities of items of work in the agreement. The competent authority shall have power to make deviation up to 50% in the quantities and the contractor shall execute the positive deviated work as per the rate quoted by the bidder in the tender documents, and shall have no claim for any payment on account of such deviations and variations in quantity of any item(s) or component(s) of the work.
28. The successful bidder has to take Contractors all risk policy of the awarded value valid for the work period.
29. Payment: Full payment within 30 working days from the date of final satisfactory completion of the work and submission of the bills.
30. Guarantee/ Warranty: The item should be guaranteed on site (in situ) against any defect for a period of one year. The Contractor should guarantee that the work executed by him will render the item of work completely free of defects, faulty material and defective finish for one year to be reckoned from the date after the successful commissioning of the contract. Provided that the contractor will not be responsible for damage caused by misuse or alteration and for such purpose:
- (a) Misuse shall mean any operation which will damage the structure like chopping and things of the same nature which might cause damage.
- (b) Alteration shall mean construction of an additional section or a part of the same or construction adjoining to existing structure.
- (c) The decision of the IIM Indore with regard to this shall be final.
- During this period of guarantee the contractor shall make good all defects to the satisfaction of the IIM Indore at his cost, and shall commence the work for such rectification within seven days from the date of issue of the notice from the IIM Indore calling upon him to rectify the defects, failing which the work shall be got done by the IIM Indore by some other contractor at the GUARANTOR'S cost and risk. The decision of the IIM Indore as to the cost, payable by the contractor shall be final and binding.
31. In case any part or whole of the item is found to be defective and is found to be not upto mark, then the same will have to be replaced/repared free of cost at our premises immediately at the own cost and risk of the contractor.

32. Liquidated Damages: As Time is the essence of this order, the schedule of completion should be strictly adhered to, otherwise the implementation in full or in part will not be accepted and penalty for late delivery of contract will be imposed @ 10% per fortnight of the total value of work order & beyond 10% subject to approval of Director IIMI. In case of delay in supply, Installation, commission, demonstration, Inspection, Certification etc. also the same rate of penalty shall be leviable. The computation for LD will be made on per day basis @ proportionate to the charges mentioned above.
33. Cancellation: IIM- Indore reserves the right to accept or reject or cancel any or all enquiries or tenders at any stage without assigning any reason thereof.
34. In case of cancellation of order due to Non-compliance of the Terms and Conditions and Breach of the Contract, No compensation will be paid towards progress of order/procurement.
35. For any dispute, the place of jurisdiction shall be Indore, India only & decision of Director, IIM Indore will be final.
36. The specifications, Terms & Conditions, other regulations which are not herein mentioned will be guided by relevant CPWD / BIS /Other Central Govt. norms applicable for IIM Indore & the decision in this regard will be guided by the decision of the respective authority of IIM Indore which shall be final and binding to the contractor.
37. The General Conditions of Contract, Special conditions of contract, Safety Code, Model Rules for the protection of health and other arrangements for workers, Specifications, documentation etc. will be guided by CPWD's regulations to the extent applicable to IIM Indore.
38. For any amendments or additional information in respect of this notification will be published only in the website <http://www.iimidr.ac.in/iimi/index.php/tenders> under the caption "Providing & Fixing up of window curtain & Sun Control window film in the Windows of Administrative Building & New Gymnasium at IIM Indore".
39. For any further details, please contact to the Project Department, IIM Indore. Phone no. 0731-2439620.

**Sd/-**  
**Chief Engineer,**  
**IIM Indore**

**Annexure-1**

**Form of Performance guarantee / Bank guarantee bond**



In consideration of the Director, IIM Indore(hereinafter called “The IIM Indore”) having offered to accept the terms and conditions of the proposed agreement between.....and ..... (hereinafter called “the said Contractor(s)”) for the work..... (hereinafter called “the said agreement”) having agreed to production of an irrevocable Bank Guarantee for Rs. .... (Rupees ..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, ..... (hereinafter referred to as “the Bank”) hereby undertake to pay to the IIM Indore an amount not exceeding Rs. .... (Rupees..... Only) on demand by the IIM Indore.

2. We, .....(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the IIM Indore stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. .... (Rupees .....only)

3. We, the said bank further undertake to pay the IIM Indore any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We, ..... (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the IIM Indore under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in- Charge on behalf of the IIM Indore certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, ..... (indicate the name of the Bank) further agree with the IIM Indore that the IIM Indore shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the IIM Indore against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the IIM Indore or any indulgence by the IIM Indore to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We, ..... (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the IIM Indore in writing.

8. This guarantee shall be valid up to .....unless extended on demand by the IIM Indore. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. .... (Rupees .....) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the .....day of .....for.....(indicate the name of the Bank)

THIS AGREEMENT made at Indore on the \_\_\_\_\_ day of \_\_\_\_\_ 2014 between Indian Institute of Management Indore Rau- Pithampur Road, Indore (hereinafter called "The IIM INDORE" which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) of the one part AND \_\_\_\_\_ (herein after called "The Contractor" which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) of the other part.

WHEREAS

The IIM INDORE is desirous of carrying out the work of \_\_\_\_\_  
\_\_\_\_\_ at IIM Indore

The Works are to be executed as per the scope of work, technical specifications, drawings etc. as is mentioned in the tender document.

The Contractor has agreed to execute the said works subject to the provisions hereinafter contained and subject also to General Conditions of Contract, Special conditions of contract, Safety Code, Model Rules for the protection of health and other arrangements for workers, Specifications, Preambles and Schedule of Quantities and erection & furnishing schedule (all of which are hereinafter collectively referred to as the 'said tender conditions') and strictly in accordance with the Scope of work annexed hereto at or for the respective rates set out in the Schedule of Quantities amounting to the sum as there under arrived at or such other sums as shall become payable there under (hereinafter referred to as the said tendered amount).

NOW IT IS HEREBY AGREED AS FOLLOWS: -

1. In consideration of the said tendered amount to be paid by The IIM INDORE to the Contractor at the time and in the manner set forth in the said tender conditions and in accordance with the Schedule of Payments to execute and complete the work shown upon the said Drawings strictly in accordance with the specifications and Schedule of Quantities.
2. The said tender conditions, scope of work and the annexure hereto shall be read and considered as forming part of this contract and the parties hereto shall respectfully abide by to the said conditions and perform the agreement on their part respectively contained in the said conditions.
3. The approved drawings if any, notice inviting tenders technical specification etc. shall also form the basis of this contract.
4. This contract is neither a Lump sum Contract, nor a piece work contract, but is a contract on item rate basis to be carried out and to be paid for according to the Schedule of Payments at the rates contained in the Schedule of Quantities.
5. The contract herein contained shall comprise not only the works mentioned above but all subsidiary works connected therewith within the same site as may be ordered to be done from time to time by the said Engineer In charge for the time being, even if such work may not be shown on the said Drawings or described in the said Specifications and Schedule of Quantities.

6. The IIM INDORE reserves to themselves the right of altering the drawings and the nature of the work by adding to or omitting from the scope of work any item of work or portions of the same without prejudice to this contract.
7. Time shall be considered as the essence of this contract and the Contractor hereby agrees to commence the work immediately from the date of work order and shall complete the entire work within the specified period.
8. All payments by the IIM INDORE under this contract shall be made only at Indore.
9. All disputes arising out of or in any way connected with this contract shall be deemed to have arisen at Indore and courts in Indore only shall have jurisdiction to determine the same.
10. That the contract and several parts of this contract have been read by the contractor and fully understood by him. The contractor shall not be entitled for payment beyond tendered quantities unless ordered specifically by written instructions of authorized representative of IIM Indore.
11. This contract shall be signed in duplicate, the original whereof shall be kept in the custody of the IIM INDORE, and the duplicate with the Contractor.

IN WITNESS WHEREOF the IIM INDORE has set his hands hereunto and two duplicates hereof through his duly authorized official and the Contractor has caused these presents and two duplicates hereof under his common seal by his duly authorized representative at the place and on the date month and year first herein above written.

SIGNED, SEALED AND DELIVERED by IIM INDORE, by the hand of

Signature:  
Name:  
Designation:

IN THE PRESENCE OF

(1) Signature:  
Name:  
Address:

(2) Signature:  
Name:  
Address:

SIGNED, SEALED AND DELIVERED BY the Contractor M/s. \_\_\_\_\_

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Signature:  
Name:  
Designation:

IN THE PRESENCE OF

(1) Signature:  
Name:  
Address:

(2) Signature:  
Name:  
Address:

**Price Bid**

**Annexure-3**

**Name of the work: Providing & Fixing up of window curtain & Sun Control window film in the Windows of Administrative Building & New Gymnasium located at Hostel Mess No.03 at IIM Indore.**

NIT / IIMI/Project/05/2016/29

Sl. No.	Item description	Unit	Quantity	Rate (in Rs.)		Amount (in Rs.)	
				In figure	In words	In figure	In words
1	<p>Providing &amp; Fixing up of Window curtain (Roller blind model) Black out type in required sizes having the following specification:</p> <p><b>Control unit:</b> The Control unit should be made of high strength reinforced plastic. The clutch is of wrap spring design. High carbon steel springs are provided to transmit motion from driving to driven members of clutch mechanism. Clutch is operated directionally by the use of endless beaded chain. Clutch never needs any adjustment.</p> <p><b>Idler:</b> Idler is of high strength reinforced plastic, consisting of a Centre shaft. The idler is mounted on the bracket by using a plastic lock. The metal sleeve inside the plastic lock provides bearing surface for the Centre shaft, which rotates freely, providing smooth, quiet and long wearing operation.</p> <p><b>Head rail:</b> It is an aluminum extruded rail Powder coated in white. Control unit and Idler are mounted on the Head rail with powder coated M.S. brackets.</p> <p><b>Roller tube:</b> It is an anodized extruded tube of high strength alloy. Control unit and Idler are fixed to the either ends of the tube. The fabric of the blind is fitted to the tube with heavy duty adhesive tape.</p> <p><b>Bottom rail:</b> It is an aluminum extruded rail with a groove for fixing the fabric and powder coated in white. It is fixed to the bottom of the fabric and the purpose of it is, to keep the fabric in tension and straight. The fabric is fitted to the tube using plastic insert. The end caps of the tube are ABS.</p> <p><b>Operating chain:</b> This is made of 4.5mm plastic beads molded on 2.2mm thick polyester chord. The pitch of the beads is 6mm. The chain drives the sprockets of the control unit to close and open the blind. The pitch of the chain corresponds to the sprocket in perfect match for trouble free operation.</p> <p><b>Fixing brackets &amp; clamps:</b> These are used to fix the blind to the wall or ceiling. 'L' bracket is made of mild steel and zinc plated. The</p>	Sq. ft.	4509.06				

	<p>clamp is made up of spring steel of thickness 0.7mm and zinc plated.</p> <p><b>Roller tube</b> : Tube is made up of High Strength Aluminum alloy Extruded grooved tube, which is anodized.</p> <p>Size- 32mm- O.D.; weight - 0.27 kg/mtr  Size- 38mm- O.D.; weight - 0.38 kg/mtr  Size- 50mm- O.D.; weight - 0.60 kg/mtr  (Size of Roller tube will be decided by the Engineer-in-charge based on the site condition)</p> <p>Alloy &amp; temp- 6063-T6</p> <p>Fabric is fitted on the tube with double sided tape/Plastic insert Selection of the tube depends on the width of the blind.</p> <p><b>Bottom Rail</b> : Extruded Aluminum grooved section- powder coated in white</p> <p>Size: 21mm O.D.</p> <p>Alloy-HE9WP</p> <p>Weight-0.28 Kg/mtr.</p> <p>Fabric is fitted to the bottom rail with plastic insert. Bottom rail end cap- made of ABS</p> <p><b>Fabric Specifications:</b></p> <p>Construction : Fibre Glass</p> <p>Fabric weight : 400gms/sqm or more</p> <p>Washability : Material can be washed on both sides with a mild 5% detergent solution</p> <p>Fire Classification: BS 5867-2:2008, Type B,NFPA 701</p> <p>Openness factor: 0%</p> <p>Shade: will be chosen at the time of award.</p> <p>Make: Vista or Hunter Douglas or equivalent</p> <p>Complete job to be carried out as per the specification and direction of Engineer-in-charge.</p>					
2	<p>Providing &amp; Fixing up of Sun Control window film of Garware or Equivalent make in required sizes having the following specification:</p> <p>Reflective Silver;</p> <p>If used 1/8 inch clear glass following parameter should be fulfilled</p> <p>Thickness-02 mil(50 microns);</p> <p>Visible light transmittance-16%;</p> <p>Visible light reflectance- 65%;</p> <p>Solar Energy Transmittance-15%;</p> <p>Solar Energy reflectance-58%;</p> <p>Solar Energy Absorbance-27%;</p> <p>Ultraviolet transmittance &lt; 2%;</p> <p>Glare reduction -82%;</p> <p>Shading coefficient-0.25;</p> <p>Emissivity-0.66;</p> <p>U Factor(BTU/hr./Sq.ft.)-1.03;</p> <p>Total Solar Energy rejection-78%</p> <p>Complete job to be carried out as per the specification and direction of Engineer-in-charge.</p>	Sq. ft.	3903.9			
3	Providing & Fixing up of window curtain in	Sq. ft.	50			

<p>required sizes having twin structure with alternating Sheer and ribbed / plane shades which enables control over room lighting without sacrificing on privacy or in other words Combining the features of sheer curtains, roller blinds and Venetian blinds having the following specification:</p> <p><b>Roller Tube:</b>Made up of High Strength Anodized Aluminum alloy Extruded grooved tube. Size: 40mm outside diameter; weight = 220gms/running mtr</p> <p><b>Control unit with clutch mechanism:</b> The Control unit should be made of high strength reinforced plastic. The clutch is of wrap spring design. High carbon steel springs are provided to transmit motion from the driven mechanism. Clutch is operated directionally by the use of endless beaded chain to raise and lower the blind smoothly to decide height.</p> <p><b>Idler:</b> Idler is of high strength reinforced plastic, consisting of an outside sleeve and centre shaft. The sleeve provides bearing surface for the centre shaft, which rotates freely, providing smooth, quiet and long wearing operation.</p> <p><b>Round Type Bottom Rail:</b>This should be made up of high Strength Aluminum alloy Extruded tube, Which should be powder coated in white. Size: 14mm outside dia. ; Weight =220 gms/running mtr</p> <p><b>Triangle type Bottom Rail:</b>This is made up of high Strength Aluminum alloy Extruded tube, Which is powder coated in white. Size: 15X24X24mm ; Weight= 230 gms/running mtr.</p> <p><b>Valance Rail:</b>This is Aluminum Extruded Rail made up of High Strength Aluminum alloy, Which is Powder Coated in White.Size: 84.5 mm Width; weight= 320gms/running mtr.</p> <p><b>Ceiling Rail:</b>This is Aluminum Extruded Rail made up of High Strength Aluminum alloy, Which is Powder Coated in White.Size: 75.6X12mm ; weight= 480gms/running mtr.</p> <p><b>Installation Bracket:</b>It is made up of mild steel with white powder coating having thickness of 1.8 mm. it is used for mounting control unit &amp; idler.</p> <p><b>Ceiling Bracket:</b>It is made up of mild steel with white powder coating having thickness of 1.0 mm. it is used to fix the blind to the wall or ceiling.</p> <p><b>Operating chain:</b>This is made of 4.5 mm plastic beads molded on 2.0 mm thick polyester cord. The pitch of the beads is 6mm. The chain drives the sprocket fixed in the end control unit to close and open the blind. The pitch of the chain corresponds to</p>							
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	<p>the sprocket in perfect match for trouble free operation.</p> <p><b>End Cap:</b>End cap for triangular bottom rail, round bottom rail, Ceiling rail and valance are made up of high strength molded plastic in white colour.</p> <p><b>Fabric Specifications:</b>  Composition : 100% Polyester  Fabric width : 250 cm  Color Fastness to light : 4-5 Grade  Repeat Pattern: 8 cms Solid &amp; 5 cms Sheer  Shade: will be chosen at the time of award.  Make: Vista or Hunter Douglas or equivalent  Complete job to be carried out as per the specification and direction of Engineer-in-charge.</p>							
4	<p>Providing, Stitching &amp; Fixing up of Window Curtain in required sizes in two layers consisting of Crush Cloth and Black out type cloth having the following specification:</p> <p><b>Crush Cloth:</b> The Crush Cloth should be made of 100% Polyester fabric. It should be of design crush &amp; if considered 1.2 meter width then it should have minimum weight of 1 kg. for 4.5 meter length.</p> <p><b>Black out Cloth:</b> The Black out Cloth should be made of 100% Polyester fabric. If considered 1.2 meter width then it should have minimum weight of 1 kg. for 3.77 meter length.</p> <p>Complete job to be carried out as per the specification and direction of Engineer-in-charge.</p>	Meter (with 1.2 m width/ panha)	35					
<b>Total Amount</b>								
<b>Discount, if any</b>								
<b>Total after discount</b>								
<b>Undertaking:</b>								
I/We agree to undertake above work at our quoted amount of Rs. _____/- inclusive of all charges i.e. Supply, Installation, testing, commissioning, transportation, Labour, levies, applicable taxes, VAT, Service Tax, swatch Bharat Tax and all other applicable taxes not mentioned herein.								
<b>Name</b>							<b>Signature &amp; Seal</b>	