

भारतीय प्रबंध संस्थान इंदौर

INDIAN INSTITUTE OF MANAGEMENT INDORE

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Tender Notice No. IIMI/Estate/36/2019/36 File No. 206

Name of Work: "Supply, Installation, Testing and Commissioning of Solar Bollard Lighting and LT Power cable for (Spiritual) Garden at IIM Indore."

Certified that the NIT Document contains 18 pages serially numbered from 1 to 18

INDIAN INSTITUTE OF MANAGEMENT INDORE

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भारतीय प्रबंध संस्थान इन्दौर

प्रबंध शिखर, राऊ-पीथमपुर रोड, इन्दौर - 453 556 (म.प्र.), भारत
INDIAN INSTITUTE OF MANAGEMENT INDORE
Prabandh Shikhar, Rau-Pithampur Road, Indore - 453 556 (M.P.), India

Dated: October 14, 2019

NOTICE INVITING TENDER

Tender Notice No. IIMI/Estate/36/2019/36 File No. 206

IIM Indore invites item rate tender under two bid system (Part-I Earnest Money and Technical bid & Part-II Financial bid) for the under mentioned work at IIM Indore from the bidders eligible as per the eligibility criteria mentioned in the tender document. Schedule of item & quantity is attached as annexure -1 to this notice.

The tender is e-published on IIM Indore website under the URL: http://iimidr.ac.in/tenders/. Interested parties can download the same and submit by post or hand delivery before the due date & time.

Part "A": NIT Details

1	NIT No.: IIMI/Estate/36/2019/36	File No. 206
2	Name of Work	"Supply, Installation, Testing and Commissioning of Solar Bollard Lighting and LT Power cable for (Spiritual) Garden at IIM Indore."
3	Estimated Cost Put to Tender	Rs. 3,10,042 /- (Three Lakhs Ten Thousand Forty Two Only)
4	Earnest Money Deposit (Rs.)	Rs. 6,201 /- (Rs. Six Thousand One Only) by e-payment through electronic mode.
5	Tender Processing Fee (Rs.)	Rs. 500/- by e-payment through electronic mode. (Non-Refundable)
6	Completion period	30 Days
7	Last date & time of receipt of tender	Up to 03:00 PM on October 18, 2019 in a Sealed cover only addressed to the "Chief Engineer, IIM Indore, Prabandh Shikhar, Rau-Pithampur Road Indore-453556, Madhya Pradesh."
8	Date & Time of opening of technical bid	October 18, 2019 on 03:30 PM in the Office of the Chief Engineer, Administrative Block, IIM Indore M.P. 453556
9	Date and Time of opening of financial bid of qualified bidders	Will be notified at a later date
10	Security Deposit	2.5% of tendered value from bills
11	Performance Guarantee	5% of tendered value on acceptance of bid

Part "B": Tender Requirements

1. Criteria of eligibility for submission of bid documents:

In order to fulfil eligibility for acceptance, the following criteria will be followed. Bidders are required to submit relevant verifiable and self-attested documents.

a. Performance / Work Experience

The bidder must have experience of successfully completed works during the last 7 years ending last day of the month previous to the one in which applications are invited. The works completed up to previous day of last date of submission of tenders shall also be considered.

One similar completed work of aggregate cost not less than the amount equal to 2,48,034/-

OR

Two similar completed works, costing not less than the amount equal to 1,86,025/-

OR

Three similar completed works costing not less than the amount equal to 1,24,017/-,

Similar work shall mean: Supply, Installation, testing & commissioning of LT power cable.

Certificates of work experience (Completion Certificates) and other documents as specified in the tender document shall be submitted.

- **b.** Annual Financial Turnover: Should have had average annual financial turnover at least 50% of the estimated cost put to tender during last three years ending March 31, 2019. (Provisional certificate from CA will also be considered for FY 18-19). (Copy of certificate from chartered accountant to be submitted)
- **a. Valid 'A' class electrical license:** The bidder should have Vaild 'A' Class electrical contractor license or should associate with an electrical contractor having the above license (copy to be submitted).
- **d. Certificates:** (copy of certificates to be submitted)
 - i. IT returns for AY 16-17, 17-18 and 18-19
 - ii. PAN (Permanent Account Number)
- iii. GST (Goods & Service Tax) Registration Certificate
- iv. Certificate of registration of firm/company
- v. Aadhar card copy of the authorized officer of the company who will be signing agreement etc.
- vi. E-payment details towards cost of tender processing fee & EMD.
- vii. Bank Account Detail.

2. Mode of payment of Tender processing fee and EMD:

Bidders may deposit the Tender Processing Fee and EMD through NEFT/ RTGS or Direct Credit. Details for the same are as below:

Name of beneficiary : Indian Institute of Management Indore Address : Rau-Pithampur Road, Indore -453556, M.P.

Account No. : 53018623445

Name of the Bank : State Bank of India
Address of the bank : IIM Indore Campus

IFSC Code : SBIN0030525

Bidders will have to attach Payment details towards cost of tender processing fee & EMD during the submission of tender and the same will be accepted only on verification & confirmation by the Institute. Any delay in credit will not be entertained by the Institute.

3. The Tenderer is required to prepare two sealed cover comprising of the following:

Cover-I: Technical Bid

- i) EMD & Tender Fee details
- ii) Documents as mentioned above in the "Criteria of eligibility for submission of bid documents"

Cover-II: Financial Bid

i) Financial Bid (in the format given at Annexure-1)

Both covers should be kept in one main sealed cover super scribed as "NIT No.: IIMI/Estate/36/2019/36 File No. 206, "Supply, Installation, Testing and Commissioning of Solar Bollard Lighting and LT power cable for (Spiritual) Garden at IIM Indore."

- 4. The tenderer has to drop the cover sealed in above manner in the Tender Box kept at the "Estate Department, IIM Indore, Administrative Block, Rau Pithampur Road, Indore -453556 M.P." on or before the due date & time positively. The tender shall not be accepted beyond the stipulated date and time under any circumstances whatsoever. Any delay happened in the transition is at the risk of the tenderer and IIM Indore will not be responsible.
- 5. EMD of unsuccessful bidders shall be refunded after award of the contract / order to the successful bidder. No interest will be paid on the EMD.

Part "C": Other Terms & Conditions

- 1. The bid submitted shall become invalid and tender processing fee shall not be refunded if:
 - (i) If the bidder is found ineligible.
 - (ii) If the documents submitted by the successful bidder does not match with the originals before the award of work.

- 2. The competent authority on behalf of the Director IIM Indore does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
- 3. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
- 4. The competent authority on behalf of the Director, IIM Indore reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
- 5. The bid for the works shall remain open for acceptance for a period of Ninety (90) days. If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the IIM Indore shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
- 6. IF ANY INFORMATION FURNISHED by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering/ taking up works in IIM INDORE.

7. TAXES:

- i) This works comes under Works contract. The taxes as applicable shall be deducted from each bill paid to the contractor.
- ii) Item rate should be without GST, GST shall be paid extra.
- iii) Labour Welfare cess @ 1 % of gross value of work done shall be recovered from each bill paid to the contractor.
- iv) Income Tax and cess as applicable shall be deducted from each bill paid to the contractor.
- v) Contractor should be registered under EPF and as per law, shall pay EPF of contract workers to concerned Department from time to time.
- vi) Any other taxes/cess as per Government directives shall be deducted from each bill paid to the contractor from time to time.
- 8. The specifications, Terms & Conditions, other regulations which are not herein mentioned will be guided by relevant CPWD / IS /Other Central Govt./state Govt. norms, OEM standards 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.
- 9. Performance guarantee in the form BG or FDR or DD @ 5% of tendered amount has to be furnished within 7 days of issue of LOA/LOI.
- 10. If called for, originals of the document submitted shall be produced.

- 11. General condition of contract (GCC) 2014 of CPWD will be applicable to the extent relevant to the job.
- 12. Deviation limit beyond which clauses 12.2 & 12.3 of GCC shall apply for work: 50 %.
- 13. Any dispute is subject to the jurisdiction of Civil Court Indore.
- 14. Location: IIM Indore.
- 15. The work shall be executed as per CPWD general specifications for Civil & electrical works with upto date amendments as per relevant IS and as per directions of Engineer-in-Charge. These additional specifications are to be read in conjunction with above. However, nothing extra shall be paid on account of these additional specifications & conditions as the same are to be read along with schedule of quantities for the work.
- 16. The Tenderer should in his own interest visit the site and familiarise himself with the site conditions before tendering.
- 17. No T&P shall be issued by the IIM Indore and nothing extra shall be paid on account of this.
- 18. Employer reserves the right to alter the mode of selection, accept or reject any or all bids without assigning any reason thereof.
- 19. Necessary clarification required by the IIM Indore shall have to be furnished by the Tenderer within the time given by the IIM Indore for the same. The Tenderer will have to depute his representative to discuss with the officer(s) of the IIM Indore as and when so desired. In case, in the opinion of the IIM Indore a Tenderer is taking undue long time in furnishing the desired clarifications, his bid will be rejected without making any reference.
- 20. The Tenderer will have to fill up their rates only in the price bid in BoQ format. Tenders in which the price bids are given in any other format are liable to be rejected.
- 21. A tenderer will also not be allowed to withdraw or modify any condition at a time after the technical bids have been accepted and the decision to open the price bid has been taken by the IIM Indore.
- 22. The IIM Indore reserves the right to reject any or all the price bids and call for fresh prices/ tenders as the case may be without assigning any reason.
- 23. All tools, plants and measuring or weighing equipment shall be arranged by the contractor himself and nothing extra shall be paid to the contractor on this account.
- 24. All materials, articles and workmanship shall be of respective best quality and kind for the class described in the schedule of quantities and specifications. All materials, so used in different items of work shall be subject to the approval of the Engineer-in-charge.
- 25. No chiselling or cutting or drilling of RCC columns, beams, girders and other principal structural members shall be done unless prior permission has been granted by the Engineer-in charge in writing.

26. Any item which is not available in the BOQ shall be paid as per DSR 2018 rates. If it is not available in BOQ & DSR 2018 then extra item shall be worked out as actual cost of the materials and actual cost of the labour plus 15% as overhead and profit and the GST will be paid extra. The decision of Engineer-in-charge will be conclusive and final binding on the contractor.

27. Terms of Payment:

Payment will be made after completion of the work and submission of final bill duly supported by work completion certificate issued by Engineer In-charge.

28. Security deposit:

- a. The security deposit will be collected by deductions from the final bill of the contractor at the rate mentioned below. The security deposit can also be deposited in cash or in the form of Government Securities, Fixed Deposit Receipts etc.
- b. A sum @ 2.5% of the gross amount of the bill will be deducted from final bill of the contractor. Such deductions will be made unless the contractor has deposited the amount of security at the rate mentioned in cash or Government securities or Fixed Deposit Receipts. This is in addition to the performance guarantee that the contractor is required to deposit as per clause mentioned in the tender document.
- c. The security Deposit shall be refunded to the contractor after the completion of defect liability period of 01 (ONE) year.

29. Performance Guarantee:

The tender shall guarantee among other things, the following:

- (a) Quality, strength and performance of the materials used.
- (b) Safe mechanical and stress on all parts under all specified conditions of operation.
- (c) Satisfactory operation & stability during the DLP period.

The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within Seven days of issue of LOI. This guarantee may be in the form of Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form in CPWD manual. In case the contractor fails to deposit the said performance guarantee within the period as indicated above, including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The performance guarantee shall be initially valid up to the actual date of completion plus 60 days beyond that.

Refund of performance guarantee: The performance guarantee shall be refunded to the contractor one month after the completion of the work.

30. Rates:

a. Subject to the nomenclature of the item as per schedule of quantities, the specification indicated in the tender documents, the rates quoted shall include charges for forwarding, insurance, freight and delivery, loading, unloading through cranes, installation, testing, commissioning at site, cost of all materials including royalty & taxes if any, labor, sundry inputs, execution of work at all heights, levels, pattern and design for all leads, lifts and depths including overhead charges and contractor's profit. Nothing extra shall be paid on this account.

- b. The Defect Liability Period (DLP) will be of 12 months from the date of handing over. Nothing extra for this period shall be paid.
- 31. The Institute may on request of the contractor make available the room / proper storage space for storage of material and erection equipment's as per the availability. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the IIM Indore.
- 32. Proper safety will be exercised during the work and all the personnel protective equipment and tools like helmets, gloves, safety belts, shoes etc. wilt be provided by the contractor during the work at his own cost.
- 33. Contractor will ensure proper cleaning of site and hygiene during the work on regular basis.
- 34. In case of any damage to the property of IIMI / site of work by workers/personnel of contractor, the contractor will be solely responsible and appropriate damage cost along with penalty will be recovered from the contractor's bill/payment/SD etc.
- 35. The contractor should make his own arrangement to work properly under all climatic conditions without affecting the quality and speed of work. The safety of all the materials used in executing the job will also be the responsibility of the contractor.
- 36. All legal and other statutory responsibilities regarding securities of materials, labour, payments, accident, insurance and law suits during the work will be solely borne by contracting agency and IIM Indore shall not be responsible in any manner whatsoever. The contracting agency will ensure proper and disciplined behavior of the workman. If any damages are caused by the contracting agency to the property to the Institute, the same shall be recovered from contracting agency's bill.
- 37. All the values of any tests as required will be recorded in front of IIM Engineers and it will be verified by them.
- 38. Competency of Electrical / mechanical Staff: An accepted norm of good workmanship is required. The related electrical/ mechanical works shall be done by qualified and trained staff having sufficient competency in works.
- 39. Any bidder wants to see the setup before quoting may visit during any working day between 10 AM and 5 PM.
- 40. Sample, Maintenance Manual, etc.

On the award of the work the Contractor shall immediately submission of sample (if required) with complete data sheet & test certificate shall be submitted to the Engineer for his approval to ensure that the works will be carried out in accordance with the specifications, including such changes as may have been mutually agreed upon. After completion of the work the contractor shall submit three (3) sets of as built drawings.

41. Existing Services:

Drains, pipes, cables, overhead wires and similar services encountered in the course of the works shall be guarded from injury by the Contractor at his own cost so that they may continue in full and uninterrupted use to the satisfaction of the owners thereof and the Contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.

Any damage by the Contractor, to any mains, pipes, cables or lines (whether above or below ground) whether or not shown on the drawings and the Contractor must make good or bear the cost of making good the same without delay to the satisfaction of the Engineer and of the owners.

- 42. **Completion Period:** The completion period of 30 Days indicated in the tender Document is for the entire work of "Supply, Installation, Testing and Commissioning of Solar Bollard Lighting and LT Power cable for (Spiritual) Garden at IIM Indore." handing over of the entire system to the satisfaction of the Engineer-in-Charge.
- 43. **Guarantee:** The entire work against this tender shall be guaranteed for a period of 12 months from the date of taking over by the institute against unsatisfactory performance and workmanship of material. The material or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case it is felt by the institute that undue delay is being caused by the contractor in doing this, the same will be got done by the IIM Indore at the risk and cost of the contractor. The decision of the Engineer-in Charge in this regard shall be final.

44. Extent of work:

- a) The work shall comprise of entire labor including supervision and all materials necessary to make a complete installation as required. The term complete installation shall not only mean major items of the structure covered by specifications but all incidental sundry components necessary for complete execution and satisfactory installation whether or not those have been mentioned in details in the tender document in connation with this contract.
- b) Defect Liability Period of one year from date of completion and handing over.
- 45. Compliance with regulations and Indian standards: All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by these specifications.
- Indemnity: The successful tenderer/bidder shall at all times indemnify the IIM Indore, consequent on this works contract. The successful tenderer/bidder shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the IIM Indore shall not be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the structure and ancillary system under the supervision of the successful tenderer/bidder in so far as the latter is responsible. The successful tenderer/bidder shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer/bidder due to the above.
- 47. Mobilization advance: No mobilization advance shall be paid for this work.

AGREEMENT

THIS A	GREEMENT ma	de at Indore	on the		_ day of	
2019 betweer	n Indian Instit	ute of Manag	gement In	dore Rau	ı- Pithampur	Road,
Indore (herei	nafter called	"The IIM IND	ORE" wh	ich expre	ession shall,	unless
repugnant to	the context	or meaning	thereof,	include	its administ	rators,
successors AND	and	assigns)	of	the	one	part
	called "The Co	ntractor" wh	ich overe	cion chal	L unloss ron	t

(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 "NIT No. IIMI/Estate/36/2019/36, File No. 206 for the work of "Supply, Installation, Testing and Commissioning of Solar Bollard Lighting and LT power cable for (Spiritual) Garden at IIM Indore."

The Works are to be executed as per the schedules mentioned in tender document, drawings and specifications describing the works to be done.

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 Sanitary arrangements for workers, Specifications, Preambles and Schedule of Quantities and installation 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 annexures 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 a Lump sum Contract and 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 specifications 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 within 10 days from the date of work order or from the date of handing over of the site, as provided for in the said terms and conditions, whichever is later, and shall complete the entire work within the specified period, subject nevertheless the provisions for extension of time as may be agreed to by the IIM INDORE and as contained in the said conditions.
- 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 Director 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 IN	DORE, 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 Co	
		Signature: Name: Designation:
IN THE PRESENCE OF	(1)	Signature:
Name:	(1)	Address:
	(2)	Signature: Name: Address:

Form of Performance Security (Guarantee) Bank Guarantee Bond

to accept the terms and conditions of the proposed agreement betweenand
(hereinafter called "the said Contractor(s)") for the work
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
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.
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).

/. this gua	We,(ind rantee except with the previ		Bank) lastly undertake not to revoke Indore in writing.
IIM Indo restricte us withi our liab	ore. Notwithstanding anything ed to Rs(Ruped in six months of the date of e	g mentioned above, ou es) and unl expiry or the extended e shall stand dischar	unless extended on demand by the ur liability against this guarantee is less a claim in writing is lodged with date of expiry of this guarantee all ged. Dated theday of ().

Scope of work & Technical Specifications

The scope of work shall include the following.

- a. "Supply, Installation, Testing and Commissioning of Solar Bollard Lighting and LT power cable for (Spiritual) Garden at IIM Indore" complete as per specifications and handing over to the IIM Indore.
- b. Any other work related to but not specifically mentioned above, required for completion of the job as per the intent and scope of work.
- c. Providing all-inclusive service including all supplied materials, labour etc. during defect liability period (DLP) of 1 (ONE) year from the date of completion.

Installation:

Cable shall be laid in ground, trenches, cable trays and on walls as specified. Installation shall include all supports and clamps as required. The complete work shall be in accordance to CPWD General Specification for Electrical Work-Part II (External) 1994 amended upto date. As far as possible cable shall not be fixed on walls directly but laid on cable trays.

Jointing for 1.1 KV Grade Cable Glands:

Jointing work shall be carried out only by licensed experienced cable jointer and shall be in accordance to CPWD General Specifications for Electrical Work-PartII (External) 1994 amended upto date.

Testing:

Testing of the complete cable installation shall be as per clause 2.8.2 and 2.8.3 of CPWD General Specifications for Electrical Work - Part II (External) 1994 amended upto date.

The entire work shall be carried out as per CPWD Genral Specifications for Electrical Works Part I & II, as amended upto date, relevant IE rules, and as per directions of Engineer-in-charge.

Indian Institute of Management, Indore Financial Bid

Name of Work: "Supply, Installation, Testing and Commissioning of Solar bollard Lighting and cable laying for (Spiritual) Garden at IIM Indore."

NIT No.: IIMI/Estate/36/2019/36 File No. 206

Name of Contractor:

S.No.	Item Description	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	Amount in Words
1.	Supply of 4C x 6 Sq.mm Aluminium conductor, XLPE Insulated armoured LT power cable. (Make - Havells/Polycab / RR Kabel/Finolex)		200			
2.	Laying and termination of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.					
2(a)	Upto 35 sq.mm	Mtr	200			
3.	Supply, Installation, Testing and commissioning of Bollard Vertical Cylinder, wide Beam Angle: Spread in Larger Area, Energy Efficient LED Bollard, Stylish Design & IP 65 Protected (Garden glow) (Model: Akshay BL 05)		48			

S.No.	Item Description	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	Amount in Words
4.	2 KW Solar power plant with 4 No. 150 Ah Battery, 2 KW Panels , Inverter 2 KVA	No	1			
	Total Amount in Rs (Excluding Goods & Service Tax)					
	Name of Bidder Firm	_	E	Email Address		
	Authorized Person					
	Contact Number	_	9	Signature & Sea	al	