



NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS

(An autonomous Institute of Dept. of Biotechnology, Ministry of Science & Technology, Govt. of India)

P. O.: N. S. S., Kalyani - 741251, Nadia, West Bengal

TENDER DOCUMENT

Name of work: MAINTENANCE AND UPGRADATION OF BOUNDARY WALL LIGHTING SYSTEM IN THE CAMPUS OF NIBMG, KALYANI

March, 2020

NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS
P.O.: N.S.S., KALYANI 741 251

TENDER NOTICE

NIT No. Tender No. NIBMG/Boundary wall light/2019-20/54, dated 03.03.2020

(I) INSTRUCTION TO BIDDERS

1. SCOPE OF WORK

Sealed tenders (in item rate) are invited under two cover system from experienced and resourceful contractor who fulfil the eligibility criteria for participation in the tender process for the following work in the campus of National Institute of Biomedical Genomics, Kalyani, West Bengal.

SL. No.	Name of the work	Estimated Cost (₹)	Completion time in Months / days	Earnest Money (₹)
1.	Maintenance and up gradation of Boundary wall lighting system in the campus of NIBMG	16.88 lakhs	21 days	33,760.00

Earnest Money will be accepted in the form of Bank Draft drawn in favour of the 'NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS', payable at Kolkata on any scheduled Bank. EMD will be refunded to the unsuccessful bidder after the finalisation of the tender and EMD of the successful bidder will be adjusted with the Security Deposit.

Bid for the work shall remain valid for a period of 60 days after the deadline date specified for submission.

EMD of the successful bidder will be released along-with the Final Payment release.

EMD of the un-successful bidder to be released after issue of Work order.

Intending Bidders may kindly visit the Institute website www.nibmg.ac.in for downloading the tender documents and for other details.

2. Eligibility Criteria

Intending bidders should fulfil the eligibility criteria laid down hereunder and they should satisfy themselves about their eligibility before submitting the tender. The bidders should submit the documents/credentials in Cover-I of the bid against criteria no. (a) and (b) to substantiate their eligibility to participate in the tenders.

a) Minimum 5 (five) years' experience of having successfully completed works of similar nature with CPWD, State PWD, MES, Railways, Autonomous Bodies, any Reputed Organization and for following value of work (either i or ii) during last 5 (Five) years ending last day of month previous to the one in which tenders are invited.

i) Two similar completed works costing not less than ₹ 10.0 lakhs lakhs each.

ii) One similar completed work costing not less than ₹ 13.5 lakhs.

- b) The bidder should have a solvency of at least ₹17.0 lakhs from any scheduled Bank issued within last 6 (six) months to be submitted in original in Technical Bid (Cover – I). If copy submitted, the same should be certified by the issuing bank.
- c) The following particulars are also required to be furnished in a separate sheet & submitted along with the relevant documentary evidence in Cover-I of the bid:
- i) Name of the Organisation :
 - ii) Address :
 - iii) Year of Establishment :
 - iv) Status of the firm – whether
Company/Firm/Proprietary :
 - v) Whether registered with the Registrar
of Company/Registrar of Firms. If so,
mention number and date :
 - vi) Details of similar work and its value of
work done with completion certificate
during last 5 years :
- d) The bidders should also submit the photocopies of following documents in Cover- I of the bid:
- i) Valid GST Registration Certificate
 - ii) Professional Tax Registration Certificate
 - iii) PAN Card
 - iv) Valid Trade License Certificate

3. Bid Price

The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the bid.

- a) The contract shall be for the whole works as described in the Schedule of Works, drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialling, dating and rewriting.
- b) The bidders are required to quote-
Item rates, both in figures and word against each item of the work in the bill of quantities and the total amount of the priced BOQ shall be the bid price. In the event of arithmetical error committed in working out the amount by the bidder, the tendered rate and not the amount will govern.
- c) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price, except GST. GST will be paid as per actual.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subjected to adjustment on any account.
- e) The rates should be quoted in Indian Rupees only

4. **Method of Submission of Tender:**

Tender will have to be submitted in two parts – Cover-I Technical Bid & Cover- II Financial Bid separately sealed and superscripted with the name of work.

Cover-I: Cover-I (Technical Bid) shall contain Earnest Money, all documents supporting fulfilment of eligibility criteria & commercial & general stipulations mentioned in the Tender Documents.

Cover-II: Cover-II (Financial Bid) shall contain the complete tender documents duly filled in duplicate. No condition stipulated in Cover-II other than general rebates shall be accepted. The Financial Offer of the prospective tenderer/bidder will be considered only if the Technical Bid of the tenderer is found qualified by the ‘Tender Evaluation Committee’ of NIBMG. The decision of the ‘Tender Evaluation Committee’ will be final and absolute in this respect.

5. **Pre-bid Meeting:**

Pre-bid meeting with the intending bidders will be held on 13.03.2020 at 12 noon in the institute.

6. **Deadline date for submission of bid:**

Tenders (Cover-I & Cover-II put in a separate sealed cover) will be received up to 12:00 Noon on 23.03.2020 and technical bid will be opened on the same day at 3:00 PM in the office of the Manager (Finance), National Institute of Biomedical Genomics, P.O. N.S.S, Kalyani 741 251, West Bengal in presence of the contractors or their authorized representatives who may like to be present. Cover-II (Financial Bid) of the bidders who qualify in Technical Bid evaluation will be opened in later date in presence of qualified bidders. The Institute reserves the right to reject any or all of the tenders received without assigning any reason thereof.

7. i) Rates should be inclusive of all other taxes, duties on date, levies, insurance, transport cost etc. except GST. GST will be paid as per actual.
- ii) New imposition of taxes and variations, (after award of contract) if any, will be borne by the Contractor, except GST, which will be paid as per actual.

(II) Terms and Conditions

1. Terminology:

- a) **'Owner'** means National Institute of Biomedical Genomics or its authorised representatives.
- b) **'Work'** means Maintenance and upgradation of boundary lighting of campus, NIBMG, Kalyani.
- c) **'Contractor'** means the Agency/Firm on whom the owner placed the order for execution of the work.

- 2. **Security Deposit** will be deducted @ 10% (Ten percent) of the Bill value from each bill and the same will be released after satisfactory completion of Defect Liability Period (DLP). **Defect Liability Period** is for **12 (twelve) calendar months** and will be reckoned from the date of successful completion and handing over / Taking over of the assigned work.
- 3. **Commencement of work:** Within 7 (seven) days from the date of issue of the Notice to proceed with the work /Work Order.

4. Completion time

The works should be completed in 21 (Twenty one) days from the date of commencement of work. In exceptional circumstances, the time period stated in this clause may be extended in writing by mutual consent between NIBMG (hereinafter referred to as The Owner) and the Contractor.

In the event of any delay not attributable to the Contractor, consequent extension of completion time shall be granted by the Owner at the sole discretion of the Owner against application by the Contractor.

Any wilful delay on the part of the 'Contractor' in completing the construction within the stipulated period will render him liable to pay liquidated damages. @ 0.5% per day which will be deducted from payments due to him. The Contract is liable to be cancelled at the sole discretion of the owner and the owner can take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 5 % of the contract amount.

5. Duties and responsibilities of the 'Owner'

a) The 'Owner' shall be responsible for providing regular and frequent supervision and guidance to the 'Contractor' for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the 'Owner', for checking quality of material and construction to ensure that it is as per the norms.

b) The owner shall supply execution drawings, specifications and / or guidelines to the Contractor for the proposed work.

c) The Engineer or such other person as may be authorized by the 'Owner' shall hold meeting where the 'Contractor' or his representative at site will submit the latest

information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.

d) The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The 'Contractor' will carry out the instructions and promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the Engineer's notice, the 'Owner' as well as the engineer nominated by it, may instruct stoppage or suspension of the construction. It shall thereupon be open to the 'Owner' or the engineer to have the deviations rectified at the cost of the Contractor

6. Duties and responsibilities of the Contractor

The 'Contractor' shall:

- a) take up the works and arrange for its completion within the time period stipulated in clause 5;
- b) employ suitable skilled persons to carry out the works ;
- c) regularly supervise and monitor the progress of work ;
- d) abide by the technical suggestions / direction of supervisory personnel including engineers etc. regarding building construction ;
- e) be responsible for bringing any discrepancy to the notice of the representative of the 'Owner' and seek necessary clarification ;
- f) ensure that the work is carried out in accordance with specifications, drawings and within the total of the contract amount without any cost escalation ;
- g) keep the 'Owner' informed about the progress of work ;
- h) be responsible for all security and watch and ward arrangements at site till handing over of the work to the 'Owner'
- i) maintain necessary insurance against loss of materials/cash, etc. or workman disability compensation claims of the personnel deployed on the works as well as third party claims.
- j) pay all duties, taxes and other levies payable by construction agencies as per law under the contract ('Owner' will effect deduction from running bills in respect of such taxes as may be imposed under the law).
- k) clear the site on completion of work.

7. Variations / Extra Items

The works shall be carried out by the 'Contractor' in accordance with the approved drawings and specifications. However, if, on account of site conditions or any other factors, variations are considered necessary, the following procedure shall be followed:-

- a) The 'Contractor' shall provide the Engineer with a quotation for carrying out the Variation when requested to do so by the Engineer. The Engineer shall assess the quotation, which shall be given within seven days of the request before the Variation is ordered.
- b) If the quotation given by the 'Contractor' is unreasonable, the Engineer may order the Variation and make a change to the Contract Price which shall be based on Engineer's own forecast of the effects of the Variation on the Contractor's costs.

- c) The 'Contractor' shall not be entitled to additional payment for costs, which could have been avoided by giving early warning.

8. **Termination**

The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the contractor stops work for 07 days and the stoppage has not been authorized by the Engineer;
- (b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (d) the Contractor does not maintain a security which is required;

Notwithstanding the above, the Employer may terminate the Contract for convenience.

If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

9. **Payment upon Termination**

If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done less advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

If the Contract is terminated at the Employer's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

10. **Dispute settlement**

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator to be appointed by the Owner. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties.

11. Special information regarding the work

- i) Quantities in Schedule of Works/ BOQ are tentative. Payments will be made on basis of actual measurements.
- ii) Valid insurance papers covering accident related expenditures/claims should be submitted at the time of deployment at site.
- iii) NIBMG will not provide any accommodation to the workers/supervisors engaged for the work.
- iv) Custody and storage of material is the responsibility of the contractor.
- v) Electrical power for construction work will be provided at site on chargeable basis.
- vi) Settlement of any claim arising out of accident / death of any person deployed by the contractor at site will be the sole responsibility of the contractor.
- vii) The contractor shall take necessary action to fulfil all applicable statutory obligation as well as safety measures as required to execute the work.

12. **Legal issues:** All disputes arising out of or in any way connected with this work order shall be deemed to have been arisen in Kolkata and only the Court in Kolkata shall have jurisdiction to determine the same

13. Payment Terms:

Payment will be made on the basis of actual execution and within 30 days after submission of progressive RA bill which shall not be less than Rs. 7 lakh. The final payment will be made after installation, successful commissioning and handing over of the completed work to the Institute Authority. No mobilization Advance will be paid.

Manager (Finance)
On behalf of Director, NIBMG

Technical Bid

National Institute of Biomedical Genomics, Kalyani

(Tender No. NIBMG/Boundary wall light/2019-20/54, dated 03.03.2020)

1	Name of firm		
2	Address of Organization in Kolkata		
3	Established on		
4	Statutory Registration Nos.		
	a) GST Registration No. (Please attach documents)		
	b) Professional Tax Registration certificate (Please attach documents)		
	c) Income Tax PAN Card No. (Please attach documents)		
	d) Valid Trade License Certificate (Please attach documents)		
	Any other No., Please specify		
5	Name of the authorized signatory		
6	Specimen Signature of the Authorized signatory.		
7	Telephone Number of the authorized signatory and other Telephone Number of the firm.		
8	Details of the works executed during the last five years. Copies of work orders may be enclosed.	Year	Rs.
9	Whether proof/copies of work order on items at Sl. No. 8 enclose (Yes/No)		
10	List of copies of documents enclosed.		

DECLARATION BY VENDOR/SERVICE PROVIDER

I confirm that:-

- 1) I, _____ Son / Daughter / Wife of
Shri _____ Proprietor/Director/Partner/Manager Resident of
_____, authorized signatory of the
Agency/Firm, _____, am competent to sign this Declaration and
execute this application document.

- 2) No employee or direct relation of any employee of NIBMG is in way connected as Partner
/Shareholder/Director/Advisor/Consultant/Employee etc. with the Company.

- 3) The information furnished is correct to the best of my knowledge and belief.

- 4) I have read and understood the general instructions to vendors and undertake to abide
by the same.

.....
(Signature of Proprietor/Partner/Chief Executive)

Name

(In Capital Letters)

(Seal of Service Provider)

Place:

Date:

Financial Bid

BOQ FOR MAINTENANCE AND UPGRADATION OF BOUNDARY WALL LIGHTING SYSTEM IN THE CAMPUS OF NIBMG, KALYANI

SL. NO.	DESCRIPTION	QTY.	UNIT	RATE (RS.)	AMOUNT (RS.)
1	SUPPLY OF 4CX10SQMM XLPE ALUMINIUM CABLE	1500	MTR		
2	LAYING OF 4CX10SQMM XLPE ALUMINIUM CABLE AT GROUND WITH SAND AND BRICK CUSHONING	1000	MTR		
3	LAYING OF 4CX10SQMM XLPE ALUMINIUM CABLE AT WALL	500	MTR		
4	SUPPLY OF 45/50 WATT LED STREET LIGHT	75	NOS		
5	SUPPLY OF 80 MM DIA GI PIPE (MEDIUM CLASS) CONFORMING TO IS 2713 (PART II) 1986	375	MTR		
6	FIXING OF 80 MM DIA GI PIPE STREET POLE (LENGTH OF 4/5MTR) WITH PROPER SUPPORT	75	MTR		
7	SUPPLY AND MAKING END TERMINATION WITH BRASS COMPRESSION GLAND AND ALUMINIUM LUGS FOR RELEVANT SIZE CABLE	150	NOS		
8	FIXING OUTDOOR TYPE LIGHT WITH 40MM DIA X 1.68 MTR LONG GI PIPE BRACKET WITH PROPER CLAMP	75	NOS		
9	WIRING FOR CIRCUIT WITH FRLS PVC INSULATED COPPER WIRE (2X1.5SQMM+1X1.5SQMM) IN SURFACE OR RECESSED MEDIUM CLASS PVC CONDUIT	600	MTR		
10	SUPPLY AND FIXING OF IP 67 PVC JB OF DIMENSION 200MMX150MM JB WITH 1.1 KV RATED CONNECTOR /TERMINALS	120	NOS		
TOTAL					

(Rupees.....Only)

Note: Rate should be quoted excluding GST.

.....
(Signature of Proprietor/Partner/Chief Executive)

Name

(In Capital Letters)

(Seal of Service Provider)

Place:

Date:

Specification for LED Lamp Head

Sl. No.	Spec. Item	Value
1	Wattage	45/50watts
2	Lumen / Watt, Colour	≥ 100, Warm White
3	THD	≤ 20 %
4	PF	≥ 0.95
5	CRI	≥ 70%
6	Life in Hrs.	≥ 50,000
7	Light Beam spread	≥ 160°
8	Warranty	≥ 2 yrs.
9	IP rating	> IP66
10	Line Voltage	100 – 270 VAC
11	Ambient Temperature	Temp.- 0° C to 55°C
12	Weight Limit	3.5 Kg.
13	Preferred Brands	1. Oreva, 2. Havells, 3. Phillips, 4. Bajaj, 5. Panasonic, 6. Syska, 7. Crompton.

Specification for Junction Boxes

Sl. No.	Type	Features
1	<u>Junction Box</u> Size: 185/165/60, Type: Hinged (L)	1. Type – SMC, Non-fusing Shockproof and rustproof 2. Fire Proof- Fire retardant – Class FV -0- As per IS: 11731 Part-II 3. Temperature tolerance -High heat distortion temperature - 200°C (as per IS: 10192) 4. Application- Outdoor, 100% weather-proof (IP -67 complied) 5. Cable entry - from bottom and / or sides 6. Pole mounting arrangement- Tamper proof- Maintenance-free.

Specification for Cables

Sl. No.	Type	Features
1	1.1 KV rated, PVC insulated, multistrand aluminium Armoured Cable	Preferred make: GLOSTER/UNIVERSAL/POLYCAB/ NICCO/HAVELS
2	1.1 KV rated PVC insulated copper conductor/flexible wire	Preferred make: FINOLEX/POLYCAB/HAVELS

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