



अखिलभारतीय आयुर्विज्ञान संस्थान, रायपुर (छत्तीसगढ़)

All India Institute of Medical Sciences, Raipur (Chhattisgarh)

Tatibandh, GE Road,

Raipur-492 099 (CG)

www.aiimsraipur.edu.in

NIQ/14/EE/AIIMS/RPR/2020-21

Date: 08-07-2020

NOTICE INVITING e-QUOTATION

The Executive Engineer (Civil), AIIMS, Raipur on behalf of Director, AIIMS, Raipur invites online **Percentage Rate/ Item Rate bids in single bid system (Technical cum Eligibility & Financial)** from intending Manufacture/ Firms/Distributor /Dealer /Supplier having GST no for the following item :-

(a)	Name of Work	“Supplying of LED fixture and wall fan for AIIMS Hospital Campus, Raipur.”
(b)	NIQ No.	14/EE/AIIMS/RPR/2020-21
(c)	Contract Period	25 days
(d)	Estimated Cost	Rs.4,98, 970.00
(e)	Earnest Money Deposit (Mandatory to submit EMD for participating in bid.)	Rs. 10,000.00 (to be submitted in the form an account payee demand draft, fixed deposit receipt from a commercial bank, bank guarantee issued/ confirmed from any of the commercial bank in India in favour of AIIMS, Raipur in the office of Project Cell, AIIMS, Raipur before the last date of opening of Bid.)
(f)	Tender documents may be seen on	AIIMS web site www.aiimsraipur.edu.in and CPPP site https://eprocure.gov.in/eprocure/app
(g)	Last Date & Time of Submission	By 15-07-2020 UP TO 11:00 Hours through online.
(h)	Date & Time for opening of Technical & financial Bid	On 16-07-2020 at 11:30 Hours.

Terms & Conditions:

1. The **first and final bill** payment will be done after successful supply of material as per specification.
2. Time allowed for the completion of the work is **25 days**. It will be reckoned from the day award of the work.
3. Electrical item will be taken as per mentioned make & specification on schedule of quantity, technical specifications compliance report Annexure-“C” which is attached in page no-09.
4. **Security Deposit @2.5%** of tendered value is deducted in first & final bill and will be released after **03(Three)** months of successfully completion of supply.
5. **LD @ 0.5%** of work order value per week will be deducted for delay of supply subject to maximum up to 10% of work order value.
6. Time is the essence of the contract & if the work will not be completed in time the EMD will be forfeited.
7. Unless otherwise provided in the Schedule of quantities, the rates tendered by the supplier shall be all inclusive.
8. Rates should be quoted inclusive of packing, forwarding, postage and transportation charges etc. and shall be supplied on FOR basis at Gate No.-01 Engineering department, AIIMS Raipur.

9. No payment shall be made for rejected goods by the Engineer In-Charge or his authorized representative. Rejected goods must be removed by the supplier within two weeks of the date of issue of rejection advice at their own cost & replace immediately. In case these are not removed these will be auctioned at the risk and responsibility of the suppliers without notice.
10. The quantity shown against each item is approximate and may vary as per demand of the Institute at the time of placement of order (if applicable).
11. All damages done to the building during execution of above work shall be the responsibility of the contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this condition shall be recovered from the contractor and decision of the Engineer-in-Charge about recovery shall be final.
12. Item Rate Schedule of Quantity attached in CPP Portal.
13. In view of not supply the material, the agency will be debarred for participation in any quotation/tender in further forever.

Information to the bidders:-

1. The intending bidders must have valid class-III digital signature to submit the bid. **Manual bid shall not be accepted in any circumstance.** The complete bidding process is online bidding; Bidder should have valid digital Signature Certificate (DSC) for online submission of bids.
2. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <http://eprocure.gov.in/eprocure/app> free of cost.
3. The bid can be submitted only after uploading the mandatory scanned documents up to 100 dpi Copies of eligibility documents and EMD as specified on the e-tendering website within the period of tender submission. Bidders can upload documents in the form of JPG format, PDF format and any other format as permissible by the e-tendering portal.
4. Bidders must ensure to quote rate of each item. If any cell is left blank the same shall be treated as "0". Therefore, If any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). After submission of the bid online the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
5. After submission of bid online, it can be revised any number of times before specified time on last date of submission of bid. While submitting the revised bid, bidder can revise the rate of one or more item(s) any number of times (need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
6. Financial bids shall be opened online only for bidders for whom EMD and other uploaded documents are found in order and who are found to be eligible to bid for work. On opening date, the bidder can log in and see the bid opening process. After opening of bid he/she will receive the competitor bid sheets.
7. If the bidder is found ineligible after opening of bid, bid shall become invalid.

8. The Bidders shall have to submit original instrument for EMD (EMD released of any work will not be accepted again if earlier submitted in any case) before the last date of opening of TECHNICAL Cum Eligibility Bid to the office of Tender Opening Authority. The bid security is to remain valid for a period of 45 (forty-five) days beyond the final bid validity period. Bid security will be refunded to the successful bidder on receipt of a performance security. Bid securities of the unsuccessful bidders should be returned at the earliest after L1 decided by Committee of AIIMS Raipur.

9. The Eligible bid shall be opened first on due date and time as mentioned above. Opening of financial bids of contractors qualifying the eligibility shall be opened at a later date.

10. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criteria.

11. Sources and Verification of Bank Guarantees

Bank Guarantee for Bid Security (EMD) or Performance Guarantee (Security Deposit) should be irrevocable and operative Bank Guarantee (BG) as per format enclosed in the Bid Document and should be issued by a Scheduled Commercial (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-operative banks or Regional Rural Banks). In case of foreign bidders or in case of GTE, if Bank Guarantee is from a foreign bank branch situated outside India, the Bank Guarantee must be issued through any of the Scheduled Commercial Bank. In case BG is issued directly by a bank outside India, it should be executed on letter Head of the Bank and should be advised and made payable through their Indian Branch/Corresponding Bank in India. The Issuing Bank should also state the name and designation of the next Higher Authority of the Officials who have issued the Bank Guarantee. Bank guarantees submitted by the tenderers/ contractors as EMD/ performance securities need to be immediately verified from the issuing bank **before acceptance**. There may not be any need to get the Bank Guarantee vetted from legal/ finance authority if it is in the specified format. Guidelines for verification of BGs submitted by the bidders/ contractors against EMD/ performance security/ advance payments and for various other purposes are as follows:

- i) BG shall be as per the prescribed formats;
- ii) The BG contains the name, designation and code number of the Bank officer(s) signing the guarantee(s);
- iii) The address and other details (including telephone no.) of the controlling officer of the bank are obtained from the branch of the bank issuing the BG (this should be included in all BGs). The confirmation from the issuing branch of the bank is obtained in writing through registered post/ speed post/ courier. The bank should be advised to confirm the issuance of the BGs specifically quoting the letter of Procurement Entity on the printed official letterhead of the bank indicating address and other details (including telephone nos.) of the bank and the name, designation and code number of the officer(s) confirming the issuance of the BG; Pending receipt of confirmation as above, confirmation can also be obtained with the help of responsible officer at the field office, which is close to the issuing branch of the bank, who should personally obtain the confirmation from issuing branch of the bank and forward the confirmation report to the concerned procurement entity.

12. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost, all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions.
13. The Tender paper/documents can be seen / downloaded from Official website & submitted through Online or Site.
14. The competent authority on behalf of the Director, AIIMS, Raipur 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 bidder shall be summarily rejected.
15. 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 to rejection.
16. The Competent Authority, The **Engineer-In-Charge**, reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.
17. The contractor shall not be permitted to bid for works in the AIIMS, Raipur responsible for award and execution of contracts, in which his near relative is posted as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the AIIMS, Raipur. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
18. The bid for the works shall remain open for acceptance for a period of **90 days** from the date of opening of bids.
19. This notice inviting bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of "The Notice Inviting bid, all the documents including additional conditions, specifications and drawings, GCC, if any, forming part of the bid as uploaded at the time of invitation of bid and rate quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
20. **Eligibility of Bidders**
 - (a) **All eligible bidders meeting the eligibility can participate in the tender. The applicant should be a private or government-owned legal entity;**
 - (b) **For package size exceeding certain values [say - Rs. 10 (ten) Crore], Joint Ventures may be allowed. Maximum number of partners in Joint Ventures shall**

be limited (say - three). In case of Joint Ventures, all the partners shall be jointly and severally liable for the successful completion of the work;

- (c) A firm that has been engaged by Ministry/ Department to provide consultancy services for the preparation or implementation of a project, and any of its affiliates (associates, Subsidiary, Joint Ventures partner), shall not be eligible for subsequently providing goods or works (other than a continuation of the firm's earlier consultancy services) for the same project;
- (d) A firm determined non-performing by the Procuring Entity shall not be eligible to bid during the period so determined;
- (e) The bidder must not have in his employment:
 - a) The near relations (defined as first blood relations, and their spouses, of the bidder or the bidder's spouse) of persons involved in decision making in the procurement.
 - b) Without Government permission, any person who retired as gazetted officer within the last two years of the rank and from the departments.
- (f) Goods and services Tax (GST)
 - (i) GST Registration Certificate of the State in which the work is to be taken up, if already obtained by the bidder.
 - (ii) If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following under taking along with other bid documents.

"If work is awarded to me, I/we shall obtain GST registration Certificate of the State, in which work is to be taken up, within one month from the date of receipt of award letter or before release of any payment by AIIMS, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by AIIMS or GST department in this regard.

List of Mandatory Documents to be filled in by the bidders in various forms to be scanned and uploaded within the period of bid submission

1	EMD in the form of <u>an account payee demand draft, fixed deposit receipt from a commercial bank, bank guarantee issued/ confirmed from any of the commercial bank in India</u> in the name of the "All India Institute of Medical Sciences, Raipur"
2	Vendor Details as per (Annexure-A)
3	GST Registration & PAN Card copy
4	Technical specifications compliance report as per Annexure-"C" with supporting document's.

FORM FOR DETAILED INFORMATION BY BIDDER (Vendor Details)

1.	Name of the Bidder	
2.	Permanent Account No (PAN)	
3.	Particulars of Bank Account	
	a) Name of the Bank	
	b) Name of the Branch	
	c) Branch Code	
	d) Address	
	e) City Name	
	f) Telephone No	
4.	Legal status of the bidder (attach copies of original document defining the legal	
	a) An Individual	
	b) A proprietary firm	
	c) A firm in partnership	
	d) A limited company or Corporation	
5.	GST Registration Certificate No	
6.	Valid Email ID of the Bidder	
7.	Complete Postal Address of the bidder	

(Authorized Signature of the Bidder with Seal)

<u>Make of Electrical Item</u>		
1	2	3
S.No.	ITEM DESCRIPTION	Make
1	Wiring for circuit/submain 1.1kV Grade FRLS PVC insulated copper conductor, single core multi strand cable.	HPL/ HAVELLS / RR Kabel / Polycab / Finolex
2	Steel Conduit & Accessories	BEC, AKG, MK, NIC, Rama, Novel or equivalent
3	PVC Conduit & Accessories	AKG, MK, Anchor, Finolex, Steel Craft, Saraswati, Swastik,
4	Casing Capping	Saraswati, Polycab , Finolex
5	Armoured/Unarmoured Cable	HPL / HAVELLS / RR Kabel / Polycab / Finolex
6	Industrial Socket Outlets	Havells, ABB, Hager, L&T, Legrend
7	LT Panels / Feeder Pillars / Floor Panels for upto 400A i/c switchgear	L & T, ABB, Siemens, Schneider, Tricolite, Adlec, CRS, Sudhir, Jakson, Advance Panel (Narela), Adhunik , Havells, Indoasian
8	Fan	CGL/Bajaj/Havells/Halonix
9	MCCB with Thermomagnetic releases	L & T, ABB, Siemens, Schneider, GE, Legrand, , C&S Electric
10	MCCB with Variable microprocessors based releases (o/c, s/c, e/f)	L & T (D-Sine) , ABB (ISO Max), Siemens, Schneider (NS Compact), C&S Electric, Legrand (DPX)
11	MCB/RCCB DBs(Installation Make should be same as per DB)	Legrand ,GE, Hager, ABB, Siemens, Schneider,
12	LED fittings	Osram /Wipro/CGL/Philips/Bajaj/Havells/Halonix
13	LED Make	Nichia / citizen/ Lumileds / APT Electronics/Cree/Osram /Bridgelux.

Technical Specifications Compliance Report

Technical specification for 31W, 3565 lumen (Min), 600x600mm LED lighter fixture

Sl. No.	Parameters	AIIMS Raipur Requirement	OEM Test to be carried out/document to be submitted	Bidders Confirmation
1	Brief description of the LED down lighter fixture	LED lighting fixture lumen output - 3565 lumen (min), total watt (including driver) maximum 31W, fixture luminous efficacy - 115 lumen/watt (min), suitable for 600 X 600mm(+/-5mm) recess mounting. Armstrong/gypsum false Ceiling, rest as per specification mentioned below.	Bidder shall be authorised dealer of the luminaire including its driver and shall submit the following: (1) Documents confirming to be in the field of manufacturing of LED luminaire and driver. (2) Printed detailed technical catalogue of the offered model. (3) Type test reports from a NABL Acc. Lab conforming to latest LED shall having LM80 complied as per L70 standard LEDs minimum tested for 10,000 burning hours with 6500K CCT and LED used must be safe for eye & compliance with LED Photo biological safety report IEC62471 for the offered luminaire (reports shall not be more than 5 years old from the date of enquiry)	Make: _____ Model: _____ List of Documents and Type test reports submitted
2	Total power consumption at 240VAC \pm 5%	31W maximum including driver (+/-5% tolerance shall be allowed)	NABL Acc. Lab test report	_____Watt ref at page# _____ of submission
3	Fixture Lumen Output at 240VAC \pm 5%	3565 lumen (min.)	NABL Acc. Lab test report	_____lm ref at page# _____ of submission

4	Operating Voltage & Input Frequency	AC 210-260 Volt & 50 Hz (\pm 1Hz)	NABL Acc. Lab test report	_____ to _____ V _____ Hz at page# _____ of submission
5	Usage Hours	24 Hours per Day	To confirm	Yes/No
6	Power Factor	≥ 0.9	NABL Acc. Lab test report	_____ ref at page# _____ of submission
7	LED Make	Nichia / citizen/ Lumileds / APT Electronics/Cree/Osram /Bridgelux.	Manufacturer of luminaire shall submit proof of procurement of LEDs and submit LM-80/ IS 16105 Test Reports of specific LED.	Make: _____ Model: _____ ref at page# _____ of submission
8	Colour Temperature ($^{\circ}$ K)	6500 (+/- 500k)	LM-79 test report from NABL Acc. Lab	_____ degree k, ref. at page# _____ of submission
9	Reported L70 (Lumen maintenance)	≥ 50000 hrs. .	LM-80 test report from NABL Acc. Lab/ By OEM	_____ hrs. ref at page# _____ of submission
10	Working Temperature	20 $^{\circ}$ C to 45 $^{\circ}$ C	To confirm by manufacturer	_____ $^{\circ}$ C to _____ $^{\circ}$ C ref at page# _____ of submission
11	Colour Rendering Index(CRI)	Ra >80	LM-79 test report from NABL Acc. Lab	> _____ ref. at page# _____ of submission
12	Total Harmonic Distortion (THD)	< 10%	NABL Acc. Lab test report	_____ % Ref. at page# _____ of submission
13	SDCM	< 5	Manufacturer of luminaire shall submit with his proper document, if any colour difference happened with in warranty period, manufacturer replaced fixture without any cost.	Yes / No Ref. at page# _____ of submission

14	Driver	The luminaire manufacturer shall be manufacturer of the driver and shall use driver of their own make in each luminaire.	To confirm. Documents confirming to be in the field of manufacturing of driver shall be submitted.	Yes / No Ref. at page# ____ of submission
15	Driver	The luminaire manufacturer shall furnish a self-declaration that the same own make and model of driver, used during LM79 test, has been used in all luminaire supplied and test report of the same driver is furnished.	Self-declaration	Ref. at page# ____ of submission
16	Driver	Constant Current integrated driver On each driver its part no., technical details and logo of manufacturer shall be marked.	To confirm. Acc. Lab test report.	Yes / No Ref. at page# ____ of submission
17	Driver Specification with protections	160-270 Volt universal electronic drivers with protection of minimum 3.0 kV internal surge.	Self-declaration	Yes / No Surge: Internal ____ KV If yes ref. at page# ____ of submission
18	Beam Angle of LED	Throw-120° (min.)	NABL Acc. Lab test report	Yes / No If yes ref. at page# ____ of submission
18 A	Fixture/System Efficacy	≥ 115lm/w (min.)	To confirm by LM-79	____ lm/W ref. page# ____ of submission
18 B	LED Efficacy	≥ 130lm (min.)	To confirm by LM-80	____ lm/W ref. page# ____ of submission
19	Body of luminaire with cover	LED mounting in CRCA housing with proper pcb for better life of LED. with manufacturers name embossed / engraved on the housing to allow traceability till life of fixture with IP-20 protection LEDs and driver shall be in housed separate chambers for ease of maintenance, driver to be non-integral part of the fitting for easy access.	To confirm by manufacturer	Yes / No reference on page# ____ of submission

20	Mounting	<p>(1) Suitable for recess mounting for armstrong/gypsum false Ceiling .</p> <p>(2) All the accessories such as screws, nuts, bolts etc. shall be of either SS or brass conforming to relevant IS.</p> <p>(3) For connection, suitable size of Cu. cable shall be provided with max. ½ meter length (outside fixture) .</p>	To confirm by manufacturer	Yes / No
21	Thermal Management	LED must be mounted on heat sink of CRCA housing with suitable large surface area with surface to dissipate the heat to ambient air and block any accumulation of dust. Luminaire body temperature shall not exceed 30°C from the ambient even after continuous operation of luminaire for 24 hrs.	To confirm by manufacturer	Yes / No (if yes ref. at page# _____ of submission)
22	Electrical and photometric measurement	Test report of offered LED Luminaire for CCT, CRI, luminous flux and luminous efficacy (Luminaire).	LM-79 test report from NABL Acc. Lab.	Yes / No If yes reference at page# _____ of submission
23	biological safety and blue light assement	As per IEC-62471 and for blue light assessment as per IEC/TR 62778	Submit test certificate by LED manufacturer	Yes / No If yes reference at page# _____ of submission
24	Electromagnetic safety for environment	EMI/EMC Compliance	To confirm by manufacturer with test certificate.	Yes / No If yes reference at page# _____ of submission
25	GC/WC	2 years for complete fitting	To confirm	Yes/No
Note:	* Inspection Norms	1. Wattage, Lumen, colour temperature, Model and Make of the Fixtures should be same as accepted techno- commercially.		

		2. Also submit LM-79 & LM - 80 test certificate copies along with the supply.		
		3. GC/WC for 02 (Two) years for complete fitting.		
		<p>* All test reports submitted shall be from NABL accredited Laboratory</p> <p>* All reports and product CatLog should be sealed and signed by OEM as well as Authorised Bidder/contractor</p> <p>* Bidders confirmation column compulsory filled.</p> <p>* Non Compliance to any above or not given any relevant information will technically disqualify bidder without any communication.</p>		
	Remark (If any)			