



**OFFICE OF THE CHIEF EXECUTIVE OFFICER**

Haldia Development Authority (ISO 9001:2015 Certified)

(A Statutory Authority under Government of West Bengal)

**City Centre, P.O. Debhog, Haldia-721657, Dist: Purba Medinipur**

**Ph.: (03224) 255926, Fax-255927, e-mail: [ceo.hda@gmail.com](mailto:ceo.hda@gmail.com) Web: [www.hda.gov.in](http://www.hda.gov.in),**

**Toll Free No.1800-345-3224**

**ENGINEERING SECTION (ELECTRICAL)**

**OFFLINE TENDER NO.:10/HDA/EC-ELECT/2020-2021**

**FOR**

**SUPPLY, DELIVERY AND TESTING OF 20 NOS. 400 W HIGH-POWER LED FLOOD LIGHTS REGARDING CONVERSION OF CONVENTIONAL FLOOD LIGHT TO LED FLOOD LIGHT AGAINST DAMAGED BY SUPER CYCLONE "AMPHAN" FOR 3 NOS. HIGH MAST AT TRUCK TERMINUS CITY CENTRE, HALDIA, PURBA MEDINIPUR OF HDA.**



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**NOTICE INVITING OFFLINE TENDER NO: 10/HDA/EC-ELECT/2020-2021**

For and on behalf of Haldia Development Authority, the Chief Executive Officer invites Offline Tender in **Two Bid System** (Technical bid & Financial bid) from reliable, resourceful, bona-fide and experienced Light Manufacturers / Companies / Experienced Firms / Authorised Dealer / Suppliers having requisite financial capability and sufficient technical credential on execution of similar nature of work. The detail of the tender is given below:

1.	<b>Name of work</b>	:	<b>Supply, delivery and testing of 20 nos. 400 W High-Power LED Flood Lights regarding conversion of Conventional Flood Light to LED Flood Light against damaged by Super cyclone "AMPHAN" for 3 nos. High Mast at Truck Terminus City Centre, Haldia, Purba Medinipur of HDA.</b>
2.	<b>Location of Work</b>	:	❖ Supply, delivery and testing of 20 nos. 400 W High Power LED Flood Lights to Haldia Development Authority.
3.	<b>Minimum Eligibility Criteria</b>		<p>The intending bidders should have the following Eligibility criteria:-</p> <p><b>a) <u>Work Experience:</u></b></p> <p>(i) The Agency should produce credentials of a similar nature of completed work[ i.e. supply, installation, testing and commissioning of LED Street/Flood Light] of minimum value of <b><u>Rs. 1,73,752.00</u></b> only during Five (05) years prior to the date of issue of the NIT in any Government / Semi Government / Undertakings/ Statutory bodies / PSU / Local Bodies.</p> <p>Scan copy of Credential of satisfactory Completion Certificate shall have to be up loaded with Techno- commercial bid in support of the claim.</p> <p style="text-align: center;"><b>Or</b></p> <p>(ii) The Agency should produce credentials of <b>two (02)</b> similar nature of completed works, [ i.e. supply, installation, testing and commissioning of LED Street/Flood Light] each of the minimum value of <b><u>Rs. 1,30,314.00</u></b> only during Five (05) years prior to the date of issue of the NIT in any Government / Semi Government / Undertakings/ Statutory bodies / PSU / Local Bodies.</p> <p>Scan copy of Credential of satisfactory Completion Certificate shall have to be up loaded with Techno- commercial bid in support of the claim.</p> <p style="text-align: center;"><b>Or</b></p> <p>(iii) The Agency should produce credentials of one single running work of similar nature [ i.e. supply, installation, testing and</p>

		<p>commissioning of LED Street/Flood Light] which has been completed to the extent of 80% or more and value of completed work is <b><u>Rs. 1,73,752.00</u></b> only in any Government / Semi Government / Undertakings/ Statutory bodies / PSU / Local Bodies. In case of running works, only those tenderers will be qualified who will submit the certificate of satisfactory running work from the concerned Executive Engineer, or equivalent competent authority will be eligible for the tender. In the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no penal action has been initiated against the executed agency, i.e. the tenderer. Scan copy of required documents as mentioned above of any Government / Semi Government / Undertakings/ Statutory bodies / PSU / Local Body, shall have to be up loaded with Techno-commercial bid in support of the claim.</p> <p><b>b) <u>Financial Criteria:</u></b> The average annual turnover of the bidder, during the last three (3) Financial Years from contracting business should be equal to or more than <b><u>Rs.2,60,629.00</u></b>.</p>
<p><b>4. Essential documents &amp; other Eligibility Criteria.</b></p>		<p>The bidder should submit the copy of the following documents along with bids:</p> <ul style="list-style-type: none"> <li>• Copies of original documents defining the constitution or legal status, Name and address, registration detail of Firm / Company / Agency, place of registration, and principal place of business, name of proprietor and written power of attorney of the signatory of the Bid to commit the Bidder.</li> <li>• Completion Certificate and filled in <b><u>Form – I</u></b> along with of similar type of project/job under any Government details / Semi Government / Undertakings / Autonomous / Statutory bodies/ Local bodies.</li> <li>• Copy of the Audited Balance Sheet of last three Financial Years (authenticated by a Chartered Accountant) and filled in <b><u>Form – II</u></b> for establishing average Annual Turnover in contractual business.</li> <li>• PAN Card Xerox Copy.</li> <li>• Copy of Latest Income Tax return.</li> <li>• Copy of Valid Profession Tax Clearance Certificate (PTCC) or Up-to-date Profession Tax payment challan, if applicable. If this is not applicable, the bidder must submit [upload] a declaration in this regard.</li> <li>• Copy of the Goods and Services Tax (GST) Registration Certificate, issued by Government of India.</li> <li>• The Credentials as per Sl.No.-03 shall be submitted.</li> <li>• Valid trade License Certificate.</li> <li>• The other documents as required in Annexure</li> <li>• Valid Electrical Supervisor License issued by competent authority for the relevant part.</li> <li>• In case of authorized Dealer or suppliers Authorization Certificate of Manufacturer has to be submitted.</li> <li>• Copy of Valid Electrical Contractor’s License issued by competent authority of State / Central Govt. in line with The Indian Electricity Rules, 1956.</li> <li>• Information regarding any litigation or arbitration during the last five years in which the Bidder is involved, the parties concerned the disputed amount, and the matter.</li> </ul>

5. The bidders are required to submit bid as per the instructions of the instant bidding documents (including Notice Inviting Tender). Bid will be considered rejected if any of the essential documents is not submitted by the bidder. Essential documents means papers related to “**Minimum Eligibility Criteria**” and “**Essential documents & other Eligibility Criteria**”, including Earnest Money Deposit.

**6. AVAILABILITY OF THE BIDDING DOCUMENTS:**

The bidding documents (in full) would be available in the following websites:-

(i) **HDA ‘s official website : [www.hda.gov.in](http://www.hda.gov.in)**

Corrigenda, Addenda, Queries & Clarifications, if any, would also be available in the aforesaid website.

Sd/-  
Chief Executive Officer  
**Haldia Development Authority**



**SCHEDULE OF TENDER [SOT]**

**OFFLINE TENDER NO: 10/HDA/EC-ELECT/2020-2021**

<b>1</b>	<b>Name of work</b>	:	Supply, delivery and testing of 20 nos. 400 W High-Power LED Flood Lights regarding conversion of Conventional Flood Light to LED Flood Light Against Damaged By Super cyclone "Amphan" for 3 nos. High Mast at Truck Terminus City Centre, Haldia, Purba Medinipur of HDA.
<b>2</b>	<b>Tender Inviting Authority</b>	:	Chief Executive Officer Haldia Development Authority City Centre, PO-Debhog, Haldia, 721657 Phone No. 03224 255926 Email ID: <a href="mailto:ceo.hda@gmail.com">ceo.hda@gmail.com</a>
<b>3</b>	<b>Mode of Tender</b>	:	Offline Tender Through website <a href="http://www.hda.gov.in">www.hda.gov.in</a> & Newspaper.
<b>4</b>	<b>Estimated Amount (including all taxes and applicable charges)</b>	:	<b>Rs. 4,34,380.80</b>
<b>5</b>	<b>Earnest Money Deposit (EMD)</b>	:	<b><u>Rs. 8,688.00</u></b> EMD in the form of separate DD/Bank Draft of any Nationalized / Scheduled Bank drawn in favour of Chief Executive Officer, Haldia Development Authority payable at Haldia shall be submitted along with the tender documents. The earnest money of unsuccessful Bidder shall be returned back not later than 30 days from the bid validity period without interest.
<b>6</b>	<b>Date of Issue of NIT</b>	:	25/11/2020
<b>7</b>	<b>Date of Publish of NIT</b>	:	04/12/2020
<b>8</b>	<b>Pre-bid meeting in the Board Room of the office of CEO, HDA, Haldia</b>	:	<b><u>09/12/2020 at 11.30 a.m.</u></b> at the Office of the Chief Executive Officer, Haldia Development Authority, Haldia Unnayan Bhawan, City Centre, PO. -Debhog, Haldia, West Bengal-721657.
<b>9</b>	<b>Submission of Bid Documents</b>	:	Tender documents should be submitted in sealed envelope properly marked as NIT No, Bid name and the Name of work along with Name and Address of the Bidder. Bidder shall also submit DD/Bank Draft from any Nationalized/Scheduled Bank for EMD along with the tender document.
<b>10</b>	<b>Bid submission start date.</b>	:	<b><u>10/12/2020 at 5.00 p.m.</u></b> at the Office of the Chief Executive Officer, Haldia Development Authority, Haldia Unnayan Bhawan, City Centre, PO. -Debhog, Haldia, West

			Bengal-721657.
11	<b>Last date of submission of Technical Bid and Financial Bid.</b>	:	<b><u>18/12/2020 up to 02:00 p.m.</u></b> at the Office of the Chief Executive Officer, Haldia Development Authority, Haldia Unnayan Bhawan, City Centre, PO. -Debhog, Haldia, West Bengal-721657.
12	<b>Opening of Technical Bid at the Office of the CEO, HDA Haldia</b>	:	<b><u>18/12/2020 up to 02:30 p.m.</u></b> at the Office of the Chief Executive Officer, Haldia Development Authority, Haldia Unnayan Bhawan, City Centre, PO. -Debhog, Haldia, West Bengal-721657.
13	<b>Opening of Financial Bid at the Office of the CEO, HDA Haldia</b>	:	The date & time shall be informed later.
14	<b>Financial Bid</b>	:	<b><u>Item wise rate shall be quoted by the bidder.</u></b> The Financial Bid shall be submitted in the prescribed Financial Bid Format ( <b>Annexure-I</b> ). The bidders shall properly assess the total work and quote the rate against the total work including applicable GST in the Financial Bid format. The quoted rate shall include the scope of one-year defect liability period. No separate payment shall be made against the any defect repairing. The cumulative amount based on the estimated quantity mentioned in the format shall be taken in evaluation for L1 bidder. Incomplete Financial bid shall be rejected.
15	<b>Completion Period</b>	:	45 days from the date of issue of the work Order.
16	<b>Validity of bid</b>	:	<u>60 days</u> from the date of opening of the Techno-Commercial Bid.
17	<b>Operation, Maintenance and Defect Liability Period.</b>	:	Five (05) Years from the date of Supply & delivery of the Lights.
18	<b>Important Instructions</b>	:	<ul style="list-style-type: none"> <li>• Applicable GST and other taxes, payable by the Contractor under the Contract to the State / Central Government for any other cause, shall be included in the rates, prices and total Bid price submitted by the bidder.</li> <li>• The financial bid documents of the technically qualified bidders will only be opened.</li> <li>• The intending bidders are requested to inspect the locations before bidding.</li> </ul>

## **INFORMATION TO THE BIDDERS (I.T.B.)**

### **1. Application for Tender :**

Request for tender paper is to be placed to the office of the CEO, HDA.

### **2. Submission of Tender:**

The tender will be submitted in two bid system i.e. Technical bid & Financial bid.

**Cover A:** The Technical bid having the DD of EMD along with all the mandatory documents complete in all respect shall be submitted in a sealed **COVER-A**. This shall be marked as Technical Bid along with NIT No., Name and address of the bidder.

**Cover B:** The Financial Bid in the prescribed format complete in all respect shall be submitted in a sealed **COVER-B**. This will be properly marked as Financial Bid along with NIT No., Name and address of the bidder.

**Both Cover A and Cover B shall be placed within a larger cover.** It shall be properly marked with NIT No., Name and address of the bidder over the cover. The tender document shall be dropped in the Tender box kept at the office of the Chief Executive Officer, Haldia Development Authority, City Centre, P.O. Debhog, Haldia-721657, Dist: Purba Medinipur. Bidders can also send the documents to this office through registered post / courier.

### **Technical Bid:**

#### **Receiving of documents:**

Relevant tender documents shall be submitted within stipulated date and time.

#### **Mandatory Documents:**

If the mandatory documents are not submitted within the stipulated date & time, then bid of the applicant shall summarily be cancelled and the bid offer shall not be opened. The Details of Mandatory Documents are given below:

#### **Mandatory Documents (Self Authenticated):**

- a. Copies of original documents defining the constitution or legal status, Name and address, registration detail of Firm / Company / Agency, place of registration, and principal place of business, name of proprietor and written power of attorney of the signatory of the Bid to commit the Bidder.
- b. Completion certificate filled in **Form – I** along with details of similar type of project/job under any Government / Semi Government / Undertakings / Autonomous / Statutory bodies/ Local bodies, with requisite single tender value.
- c. Latest Income Tax return
- d. Valid 15-digit Goods and Service Taxpayer Identification Number (GSTIN) under GST Act, 2017.
- e. Audited Balance Sheet of last 3 financial years.
- f. Pan Card (Xerox Copy)
- g. Trade License
- h. Other as stated in ITB.

**Note: The application will be summarily rejected if any of these documents are missing in the envelope. Original documents shall be produced by the bidder for its verification, as required by the authority.**

**3. Receiving of Earnest Money Deposit (EMD):**

EMD in the form of separate DD/Bank Draft of any Nationalized / Scheduled Bank in favour of Chief Executive Officer, Haldia Development Authority, Haldia payable at Haldia has to be deposited along with Financial Bid.

**4. CREDENTIAL:**

**Form – I for fully (100 %) completed works during the last 5 (five) years from the date of NIT will only be accepted.** The tenderer should attach the hard copy of the said certificate under their signature along with the tender documents. The execution of water supply maintenance, repairing or similar nature of work is mentioned in the Form-I, therefore agencies who have completion certificate against any of the works mentioned in Form-I shall be eligible for this tender.

The Completion Certificate should be pertaining to the work specified in the NIT. The completion certificate should not be misleading the authority. If the completion certificate has mention on multiple nature of works executed by the agency in a single tender including the work specified in this NIT, then the value of the work as specified in this NIT will only be taken into account for evaluating the eligibility of the bidder. The decision of the authority in this respect is final and binding.

If the applicant is an authorized signatory, he should submit document of authorization (Power of Attorney) in his favour along with the application. In case of Partnership firm, copies of the partnership deed are to be submitted along with the tender document.

**5. Penalty for suppression / distortion of facts:**

If any tenderer fails to produce the original hard copies of the documents (especially Completion Certificates, audited balance sheets or any document which is vital for his eligibility), or any other documents within the specified time frame stated above or if any deviation is detected in the hard copies from the uploaded soft copies or if there is any suppression of fact during any time of the tendering process or even after the issuance of work order, the tenderer will be suspended from participating in the tenders on Tender platform up to 2 (two) years.

**6. FINANCIAL BID:**

**Item wise rate shall be quoted by the bidder.** The Financial Bid shall be submitted in the prescribed Financial Bid Format (**Annexure-I**). The bidders shall properly assess work and quote the rate including applicable GST against the total work in the Financial Bid format. The quoted rate shall include the scope of supply. No separate payment shall be made against the one-year O&M of the completed project. The cumulative amount based on the estimated quantity mentioned in the format shall be taken in evaluation for L1 bidder. Incomplete Financial bid shall be rejected.

The rate is to be quoted clearly in the specified space of the Tender form/ Financial bid Form.

The rate quoted by tenderer shall be inclusive of GST and all elements of taxes and duties, demands, etc.

All other charges like insurance charges, freight etc as would be required for completion of the work shall also be included in the rate quoted. No claim whatsoever in this account shall be entertained.

**7. Site inspection before submission of tender:**

Before submitting any tender, the intending tenderer should make themselves acquainted thoroughly with the local conditions prevailing at site by actual inspection and taking into consideration all factors and difficulties likely to be involved in the execution of work in all respect and no claim whatsoever will be entertained on these accounts afterwards.

**8. Conditional and incomplete tender:**



Conditional and incomplete tenders shall be summarily rejected.

**9. Acceptance of Tender:**

Lowest valid rate may be accepted; however, the undersigned does not bind himself to do so and reserves the right to reject any or all the tenders, without assigning any reason and also reserves the right to split the work amongst more than one Tenderer.

**10. Return of Earnest Money of the unsuccessful tenderer(s):**

The earnest money of unsuccessful Bidder shall be returned after finalization of the tender.

**11. Completion Period:**

The Successful bidder shall complete the execution of work within 45 days from the date of issue of Work Order. Penalty as prescribed in this tender shall be imposed for every week delay in completion of the work.

**12. Payment:**

- Payment will depend upon the availability of fund and no financial claim in case of any delay in payment will be entertained.
- The Contractor will notify the authority regarding the work being completed. The quantity and quality of executed work will be taken into account for the preparation of bill. The engineers of HDA shall field verify the work executed.

**13. Security Deposit:**

- 13.1** Ten Percent (10%) of the RA bill value excluding the G.S.T will be deducted from bill as Security Deposit.
- 13.2** The Total 100 % of the security deposit [S.D.] will be released after 5 Years Defect liability period.
- 13.3** An application along with a prescribed format of this office to be submitted for release of Security Deposit for which the contractor should apply to the authority at least 2 (two) month prior to the last date of defect liability period with an undertaking that the work is maintained properly as per the terms of contract.

**14. Withdrawal of tender:**

A tender once submitted shall not be withdrawn within a period of 60 days from the day of the opening of the technical bid of the tender. If a tenderer withdraws his tender within this period without any valid reason, the EMD shall be forfeited.

**15. Other Terms & Conditions:**

- Tenderers requested to be present in person during the opening of bid.
- The tender accepting authority may ask any tenderer to submit analysis to justify the rate quoted by the tenderer.
- The agency may ask any questions related to work on or before the pre bid meeting.
- In no case the cost of Tender Paper will be refunded, but earnest money will be refunded to unsuccessful tenderer after issuance of work order to the successful bidder within the tender validity period.
- HDA takes no responsibility for any delay/loss/non-receipt of tender document or any other letter sent by post either way.

- Tenderer can approach the Assistant Engineer (Electrical), HDA for any clarification with respect to this tender.
- The decision of authority with respect to this tender is final and binding.
- All corrections in the tender should be signed with date by the Tenderer. Each of the Tender document and drawings must be signed by the Tenderer.
- Tenderers who will sign on Tender on behalf of a company or Firm must produce the “Registered documents” in respect of their competency to do so, failing which their tender will not be considered.
- Sub-letting of the job is not permissible and the Tenderer must submit one undertaking that he will not sub-let the job under any circumstances. If the authority comes to know that the agency has sub-let the work, then action shall be taken to terminate the contract and the SD money will be forfeited.
- All materials & workmanship shall be as per the approved quality and methodology.
- No advance will be paid to the contractor.
- All materials, spare parts, tools, tackles, service equipment, including consumables, required under this contract, will have to be packed, securely placed and protected by the agency during transportation. The Contractor will be held responsible for the inefficient packing, storing protection of the materials and transportation of materials. HDA authority will not be responsible for transportation of goods for the instant tender job.
- Progressive payment will be paid in running account bill subject to good performance. Payment may be withheld / not made on average or poor quality of job. If the agency gets average or poor grading of work quality, he may be debarred for one year from the tender of HDA.
- Defect liability period starts from the date of completion of the work and release of Security Money (10% of the contract value) will be done as per the date of completion of the work.
- No escalation of cost is permissible at any time after the issuance of work order. Agency shall be barred from approaching the authority to claim escalation cost for reasons whatsoever.
- Original copy of all certificates shall be produced for checking and verification of all supporting documents on request of HDA.
- **Documents that authenticates such procurement form the Manufacturer / OEM or from their authorized sales channel and standard warranty / support should be sent from the e-mail of the Manufacturer / OEM /authorized sales channel to the e-mail of Engineer-in-Charge and hard copy of it to be submitted during execution of work/submission of bill.**
- If any refurbished material is supplied, action will be taken as per existing rules.
- Warranty, maintenance and defect liability period is five (05) year from the date of Supply & delivery High-Power LED Flood Lights.
- The Agency shall submit the details of Specification, make and model (Catalogue) of the Materials / Equipment, Test certificate, etc to Engineer-In-Charge before Procurement

#### **16. The Emergency Services:**

The awarded agency will have to attend all complains for any break down, malfunctioning of the completed works **within 24 hours** on call over telephone/mobile/e-mail from HDA & also will have to restore the system without any delay. For any non satisfactory service the work order of the agency shall be cancelled and EMD and SD will be forfeited. No separate payment shall be made.

**17. Penalty:**

Time is the essence of any contract and any deviations from completion time will attract penalty @ 0.5% per week delay and maximum of 10% for the non-execution portion of the work.

HDA reserves the right not to allow the agency to participate in future tenders under the following circumstances.

- (i) Delay in completion of job.
- (ii) Performance in terms of either quality of materials and workmanship.

**18. Termination of Contract/ Work Order:**

The authority may terminate the contract/work order due to the following reasons.

- i) Poor Progress of work.
- ii) Poor Quality of work.
- iii) Adoption of any unfair means during execution of work.
- iv) Violation/Non-compliance of any instructions of the authority.

For termination of the contract/work, the authority will issue a 7 days' notice to the agency/contract to make up the discrepancy/shortfall of the work as instructed by the authority, failing which the contract/work order will be terminated with forfeiture of E.M.D., S.D., Performance Security etc.

**19. Discretion of the authority inviting tender:**

The tender inviting authority reserves the right to accept or to reject any or all applications/tenders without assigning any reason whatsoever. On matters of dispute authority decision shall be final and binding. The quantity of work indicated above is provisional and should not be taken as firm. The extent to which the work would be actually executed will depend on the final decision of the Executive Officer, HDA. He however reserves the right to reduce the quantity even substantially without assigning any reason thereof and take up the same otherwise for which no compensation is payable under any circumstances.

Sd/-

Chief Executive Officer

**Haldia Development Authority**

**Dated: 25<sup>th</sup> November'2020**

**Memo No.: 1439 (1/10) /HDA/IX-T-20 (Part-I)**

Copy forwarded for information to:

1. The Chairman, Haldia Development Authority.
2. The District Magistrate, Purba Medinipur.
3. The Additional District Magistrate & Additional Executive Officer, Purba Medinipur Zilla Parishad, Haldia, Purba Medinipur.
4. The Sub-Divisional Officer, Haldia, Purba Medinipur.
5. The Chairman, Haldia Municipality.
6. The District Informatics Officer, NIC, Purba Medinipur, Tamruk with a request to publish it in the official website of Purba Medinipur District.
7. The System Analyst, H.D.A. with a request to arrange to publish it in the website of HDA and make arrangement to send the same to DIO, NIC by e-mail.
8. CA to the CEO, HDA with a request to make necessary arrangements for publishing advertisement in newspapers.
9. Reception, HDA.
10. Notice Board, HDA.

Sd/-

Chief Executive Officer

**Haldia Development Authority**

**This page to be uploaded at bidder's letter head.**

**FORM – I**

**COMPLETION CERTIFICATE**

**(100 % PHYSICAL COMPLETION)**

1	Name of the work and W.O. / LOI no. & date.	:	
2	Name of the client	:	
3	Amount put to tender	:	
4	Contractual amount against the tender	:	
5	Date of commencement of work	:	
6	Date of completion as per work order	:	
7	Actual date of completion/ Status of running work.	:	
8	Final gross value of the bill or RA bills for – Supply, Installation, Testing and Commissioning of LED street lighting / High mast with LED Flood Lighting / Mini Mast with LED Flood Lighting.	:	

I hereby declare that all the statements made above are true to my knowledge. I also understand that any discrepancy found in the above statement will render me liable for cancellation of my tender.

Signature of authorized person of the bidder  
(With office seal)

Note:

1. While calculating the amount, i.e., money value of the major item stated above, amount of all sub-items like leads, lifts, disposal, transportation etc. included in the major item should be arithmetically added.
2. Credential of Completion Certificate (s) should be supported by BOQ(s).

**This page to be uploaded at bidder's letter head.**

**FORM – II**

**STATEMENT ON ANNUAL TURNOVER FROM CONTRACTUAL BUSINESS**

This is to certify that the following statement is the summary of the audited Balance sheet arrived from contractual business in favour of ..... for the three consecutive years.

<b>Sl. No.</b>	<b>Financial</b>		<b>Remarks</b>
	<b>Year</b>	<b>Turnover (rounded of)</b>	
1	2016-2017		
2	2017-2018		
3	2018-2019		
<b>Total</b>			
<b>Average Turnover</b>			

Note:

- i) Average turnover is to be expressed in lakh of rupees, rounded up to two digits after decimal.
- ii) Average turnover for 3 years is to be obtained by dividing the total turnover by 3 (three).

Signature of authorized person of the bidder  
(With office seal)

**FORM -III**

**GENERAL INFORMATION OF THE BIDDER**

[To be filled up and uploaded, duly signed & stamped at bidders letter head]

1.	Bidder's Legal Name (IN CAPITAL LETTERS) i.e. Name of Agency/ Contractor	:	
2.	Name of Registration Office	:	
3.	Legal Address of the Agency/ Contractor	:	
4.	Information regarding bidder's authorized representative(s) / contact person(s) , Name	:	
5.	Address for communication of authorized person	:	
6.	Phone no/ Email address of authorized person	:	Mobile no. Land Line no : E- mail Address:
7.	Whether the bidder is a Proprietorship Firm or Partnership Firm or Limited Company.	:	
8.	Permanent Account Number (PAN)	:	
9.	GST Registration Number (GSTIN)	:	
10.	Employees' Provident Fund (EPF) Code No. (If available)	:	
11.	Employees' State Insurance (ESI) Code No. (If available)	:	

Signature of authorized person of the bidder  
(With office seal)

**To be submitted on non judicial stamp paper**

**ANNEXURE-II**

**AFFIDAVIT**

I/We, Sri....., S/o Sri.....,  
aged..... Years, residing  
at.....

Proprietor/Partner/Director of..... do hereby solemnly affirm and declare in connection with **“Supply, delivery and testing of 20 nos. 400 W High-Power LED Flood Lights regarding conversion of Conventional Flood Light to LED Flood Light Against Damaged By Super cyclone "AMPHAN" for 3 nos. High Mast at Truck Terminus City Centre, Haldia, Purba Medinipur of HDA”** of NIT No.10/HDA/EC-ELECT/2020-2021 as follows:

1. That I/We have examined the site of work and read the bidding documents including all addenda / corrigenda, issued by HDA and undertake to execute & complete all the work related to above Tender in accordance with the Technical Specification, scope of work and Tender Terms and conditions within 100 days from the date of order to commence the work, in the event of our bid being accepted.
2. That I/We, the undersigned, do certify that all the information furnished & statements made in the bid documents are true and correct to the best of my knowledge and belief.
3. I / We have not been debarred, banned or delisted by any Government or Quasi-Government Agencies or Public Sector Undertakings in India.
4. The undersigned also certifies that neither we have abandoned any work awarded to us, nor any penal action was taken against us by any department. The undersigned also declares that we do not have any running litigation with any department.
5. I also declare that the prices have been quoted in the Price Bid, electronically only of all the items of the BOQ [Annexure – I] of the tender and no direct or indirect mention of the prices has been made by me / us anywhere else in my / our bid. No extraneous conditions (like “Not Applicable”, conditional rebate, etc.), regarding the Price Bid, have been mentioned anywhere in our bid.
6. If the contract is awarded to us, we will deploy at site all necessary T & P equipments and Laboratory with necessary testing equipments / apparatus as listed below immediately on receipt of the work order. We would commence the work only on deployment of machineries at site to the full satisfaction of the Engineer-in Charge. We would be duty bound to use those equipments at site to achieve the best result as per requirement of the contract. We would upkeep and maintain those equipments in running condition till completion of the Project. Any breakdown of any equipment will be replaced immediately. No part of equipment will be shifted to another site without the written permission of the Engineer in Charge. We will also keep sufficient tool, tackles and equipment, manning during O&M of the project in five-year defect liability period.
7. We would deploy at site all necessary Technical Personnel for efficient contract management and supervision of works with a view to achieving best quality of works at site during execution. We will also keep sufficient technical personals during O&M of the project in five-year liability period.
8. We would carry out all necessary tests of all major items at frequency spelled out in the contract document / as per IS specification to achieve the best quality work at site. We will be contract bound to bring to the notice of the EIC any non-compliance of test results along with the action taken report.
9. I/We will submit the details of Specification, make and model (Catalogue) of the Materials / Equipment, Test certificate, etc to Engineer-In-Charge before Procurement.

**Signature of authorized person of the  
bidder  
(With office seal)**

**Place:  
Date:**

**ANNEXURE-I**  
**FINANCIAL BID FORMAT**  
**NIT NO: 10/HDA/EC-ELECT/2020-2021**

**Supply, delivery and testing of 20 nos. 400 W High-Power LED Flood Lights regarding conversion of Conventional Flood Light to LED Flood Light Against Damaged By Super cyclone "AMPHAN" for 3 nos. High Mast at Truck Terminus City Centre, Haldia, Purba Medinipur of HDA.**

**Item wise rates are to be quoted by the bidders for each item**

Sl. No.	Description of Materials	Unit	Qty	Rate (including all taxes & applicable charges) (In Rs.)	Amount (including all taxes & applicable charges) (In Rs.)
1	Supply & delivery of LED Flood light of following specification: a) 400 W for each set. b) Lumen output should be minimum >120 lumen/watt from each set. c) The luminaries should be of IP 66 protection. d) Input Voltage of 140 V – 270 Volt, 50 Hz. A.C. supply. e) Driver should have in-built protection against high voltage surge, open circuit & short circuit. f) Housing should be of Die-cast aluminium housing with epoxy powder coating and having cooling fins for effective heat dissipation. Separate cavity for driver & LED lamp. g) LM-79, LM-80 & IP-66test report from NABL accredited laboratory of. h) Surge protection minimum 15 KV 15 KA. i) The product warranty period 5 years. (Make: PHILIPS LIGHTING INDIA LTD./HAVELLS INDIA LTD./BAJAJ ELECTRICALS LTD).	No.	20		
<b>TOTAL AMOUNT (Rs.)</b>					
<b>Total Amount in words:</b>					

**Signature of authorized person of the bidder  
(With office seal)**

**Note: The bidder should signed and sealed all the pages**



### Annexure-III

#### Technical Specifications of LED Light Fittings (Complete Set)

##### A. GENERAL SPECIFICATIONS:

- a) Supply of 400W High Power LED Flood light with integral driver and complete with pressure die cast aluminium housing with supplier word mark/ name engraved/ embossing on the die cast housing to allow traceability till life of fixture (Stikering/ Printing is not acceptable) and adhering to the following specification:
- b) The fixture shall be designed so as to have lumen maintenance of at least 70% at the end of 50,000 hours.
- c) The luminaries should be operable with auto adjustable 140-270V supply voltage using the same driver.
- d) Power factor of the electronics driver should be at least 0.95 with THD<10% and efficiency of the driver more than 85%.
- e) The luminaries should throw the perfect amount of uniform light with exactly the desired intensity and other best pole spacing, along with better light control.
- f) The luminaries shall employ individual/ Matrix optical secondary pea nut lens for the each of the LED to ensure better uniformity of light distribution. The average minimum lux level should be as per IS.
- g) The fixture should be impact resistant with suitable protection by using cover for driver and LED's, conforming to minimum IK07 impact resistance specifications.
- h) The fixture should be designed for IP-68 ingress protection.
- i) Heat dissipation should be managed through a built-in external heat sink. The luminaries shall deliver minimum 120 lumen/watt, colour rendering index of minimum 75 with cool white light output.
- j) The LED should be of modular design and module should be replaceable in case of any defect by the manufacturer.
- k) LED driver should be inbuilt potted silicon/ Asphalt filled
- l) Both luminaries and electronic driver must be BIS certified. Make of LED, luminaries and electronic driver should preferably of same manufacturer.
- m) In case of LED and it's electronics drivers are from different manufacturer, agency must have furnished guarantee of its successful operation.

##### B. ELECTRICAL SPECIFICATIONS

<b>Sl. No.</b>	<b>Electrical Specification</b>	<b>Ratings</b>
<b>Electrical ratings of the proposed luminaries product for the following criteria:</b>		
01	Voltage range or rating	140V to 270V AC on single phase
02	System lumens per watt	>100
03	Frequency Range (+/- 5%)	50Hz
04	Power Factor	≥ 0.95
05	Driver Current	350mA to 750mA
06	Colour Temperature	≥ 5500K
07	CRI	> 70%
08	Life Expectancy	50000 hrs with 70% Lumens.
09	Total input wattage to the fittings including driver losses	400 W

10	Ingress Protection level	IP66
11	Total Harmonic distortion	< 10%
12	Surge Protection	Minimum 15KV, 15KA
13	Operating Temperature	-20°C to +35°C

### **C. CONFORMANCE STANDARDS:**

**All bidders need to furnish the details of**

- a) The Luminaries shall conform to IEC 60598 standard and the driver should comply with IEC 61347-2-13 for safety, IEC 61547, CISPR-15, AND 610-3-2 for EMC.
- b) Luminaries should be tested as per BIS 10322 and IEC 60598 standards and following test reports should be submitted along with the tender: Heat Resistant Test, Electrical Insulation resistance test, Endurance Test, Humidity Test, and Electronics Test.
- c) For Luminous efficacy and light output, Photometry Test of the Luminaries LM79 reports from NABL Accredited Laboratory to be submitted along with tender.
- d) Documents of BIS certification for both driver and luminaries are to be submitted.
- e) In house testing lab certificate by the manufacturer.
- f) LM79 report should be provided by the manufacturers from NABL accredited Laboratory or UL certification for photometry and electrical testing report.
  - a) LM79 report to be submitted against each category of luminary from a NABL Accredited Laboratory along with the type test certificate are to be submitted against the current/ instant tender.
  - b) At least 120 Lumen per watt efficacy certification of the product.
  - c) Total wattage of the consumption should be mentioned.
- g) The manufacturer should submit the safety standards as per EN 60598, EMC/EMI Standards as per EN61547/EN 55015 and EN 61000-3-2 & 61000-3-3 for Harmonics.
- h) Manufacturer/ tenderer/ bidder should provide the certificate of LM80 report directly from the LED chip manufacturer.
- i) The Manufacturer/ tenderer/ bidder should submit the following in-house testing facility along with bid for quality checks:
  - i) Test Bench for EMI/EMC measurement.
  - ii) Test Bench for High voltage, Surge, Burst & Voltage dips.
  - iii) Test chamber for humidity and temperature of environment testing.
  - iv) Photometry Laboratory with Gonio photometer and/ or Integrating sphere for complete light fixtures to be able to create IES files.
- j) The manufacturer should have experience of manufacturing of LED Lights for at least 5 years.
- k) 5 years warranty certificate to be submitted by manufacture against the batch no. to be supplied after award of the job.
- l) Manufacturer should submit the certificate of over voltage and low voltage protection report from own electrical lab.
- m) The manufacturer to be certified that the product should be in-built surge protection of 4 KV to 6KV and separate external surge protection should be provided not less than 10KV to 15KV for Flood light integral to same housing.
- n) The product should supply having aluminium pressure die cast/ Aluminium extruded heat sink should provide by the manufacturer.
- o) The manufacturer should have in house design and development facility for LED lights and for electronic drivers.

- p) The manufacturer should have an in-house manufacturing capability for LED lights, including for the manufacturer of electronic drivers.
- q) The product should meet Safety Standards as per EN 60598, EMC/EMI standards as per EN61574/EN 55015 and EN 61000-3-2 & 61000-3-3 for Harmonics. The LED's shall comply with Photo Biological Safety norms as per IEC 62471/EN62471/IS: 16108 and should fall in exempt or low risk group for outdoor LED Luminaries.
- r) The electronic driver should work in the short circuit and open circuit conditions and should work in the voltage range 140V to 270Volts.

#### **D. TESTING FACILITIES**

To ensure type testing of the products and to have quality control measures the manufacturers should have following in-house testing facilities, R&D facility:

- a) Glow wire Test.
- b) HV Tester.
- c) Adequate number of electrical meters for measurement of different electrical parameters.
- d) Megger (500Volt).
- e) Tracking Test.
- f) Resistance to Heat Test.
- g) Measuring gauges such as Vernier Caliper, Micrometer, and Dial gauges.
- h) Non contact IR based digital thermometer.
- i) Harmonic analyzer and THD meter.
- j) Digital weighting machine.
- k) Power Analyzer.
- l) Surge Tester.
- m) Temperature simulation facility to test various temperature parameters.
- n) Ingress protection test facilities for dust and water jets.
- o) Transportation Drop Test.
- p) Vibration Test.
- q) Humidity Test.
- r) Electronically controlled Gonio Photometer/ Integrating Sphere for complete Light fixture.