



**CENTRAL BOARD OF SECONDARY EDUCATION  
REGIONAL OFFICE, DELHI**

An Autonomous Organisation under the Union Ministry of Human Resource Development (Govt. of India)  
PS, 1-2, Institutional Area, I.P.Extn. Patparganj, Delhi-110092

**Dated:** 17.12.2015

**Name of work: Renovation of External Lightning in the RO CBSE Building at Patparganj.**

The CBSE intends to invite Tenders in three envelope system for Repairing of pole/building/flood light at the Regional office, Delhi, estimated cost Rs. 13,47,000/-. Rates are to be quoted on the prescribed format. The tender documents can be downloaded from our website [www.cbse.nic.in](http://www.cbse.nic.in), In such case, Bidder should fulfil the pre-qualification criteria and should submit the required documents in the specified manner in a sealed envelope superscripted **Envelope No.2: Technical bid for pre- qualification for (Repairing of pole/building/flood light at the Regional office, Delhi).**

The tenderer should enclose the cost of tender document by demand draft in favour of Secretary, CBSE, Delhi for an amount of **Rs. 500/-** (Non Refundable). This should be submitted in a separate sealed envelope super scribed **Envelope No.1: Cost of Tender Document & EMD for the Renovation of External Lightning in the RO CBSE Building at Patparganj.**

Sealed envelope marked **Envelope-III** (as above) shall contain the tender (Price Bid) each page duly signed & stamped with prices as specified in this **NIT**. The envelope shall be super scribed as **Envelope-3: Price Bid for the work of Renovation of External Lightning in the RO CBSE Building at Patparganj.**

All the 3 sealed envelopes should be put into a separate sealed envelope & super scribe as **Tender documents for the work: Renovation of External Lightning in the RO CBSE Building at Patparganj. Due on 07.01.2016 at 1400 hrs.**

The tender complete in all respect along with an EMD of Rs. 33,000/- payable in favour of the Secretary, CBSE, Delhi must be submitted latest by 07.01.2016 up to 2:00 p.m. and dropped in the tender-box placed at Ground Floor near Reception Counter, CBSE Regional office building, Delhi-92. The tenders will be open on the same day i.e. 07.01.2016 at 2:00 P.M. Incomplete and conditional tenders shall be summarily rejected. The CBSE reserves the right to reject any or all the tenders without assigning any reason thereof.

**Regional officer, Delhi**

**CENTRAL BOARD OF SECONDARY EDUCATION,  
I.P. Extn. Patparganj, Delhi – 110092  
TECHNICAL PARAMETER**

**Last Date for submission: 07.01.2016  
Up to 2.00. P.M.**

**Name of work: Renovation of External Lightning in the RO CBSE Building at Patparganj.**

**1. Credentials of tenderer**

1.1 Name of the Agency: \_\_\_\_\_

1.2 Office Address and \_\_\_\_\_

Tel.Nos. \_\_\_\_\_

1.3 PAN No. \_\_\_\_\_

(with documentary evidence) \_\_\_\_\_

**2. Experience (last three years) \_\_\_\_\_**

2.1 Proof of having successfully completed similar works during last 3 years ending last day of the month previous to the one in which tenders are invited as per the following:-

- a) Three similar completed works costing not less than the amount equal to 40 % of the estimated cost. OR
- b) Two similar completed works costing not less than the amount equal to 50% of the estimated cost. OR
- c) One similar completed works costing not less than the amount equal to 80% of the estimated cost.

2.2 Contract details fulfilling eligibility criteria

S. No.	Year	Name of the Organization	Cost of the work (Executed )	Officer Concd. in the Organization with T.No.	Period From To

2.3. Present assignment in hand complying tender parameters: particularly in multi-storied bldgs. (Supported with documentary evidence)

(i)

(ii)

(iii)

2.4 Earnest Money Deposit (EMD)

- i) EMDs of unsuccessful tenders shall be refunded after reasonable time without interest.
- ii) The tenders without EMD or partial EMD shall be summarily rejected.

3. Particulars of D.D. as earnest money:

Amount Rs. : 33,000/-  
D.D/B.D Nos. : \_\_\_\_\_  
Issuing Bank with \_\_\_\_\_  
Date of Issue : \_\_\_\_\_

Declaration: All terms and conditions as mentioned in the tender are acceptable to me/us.

**(Signature of the Tenderer)**  
**With complete address and seal**

**Tel. No.:** \_\_\_\_\_

**Mobile No.:** \_\_\_\_\_

**Place:** \_\_\_\_\_

**Date :** \_\_\_\_\_

## Terms & Conditions

1. The work shall be executed as per the approved specifications and CPWD norms.
2. The work is time bound, hence time is the essence of the contract.
3. The work is to be completed within 60 days from 10<sup>th</sup> day of award of work.
4. All the materials shall be got approved from the Engineer In-charge before installation.
5. No T & P shall be provided by the Board.
6. Scaffolding shall be arranged by the Contractor for which no extra payment shall be made.
7. The work shall be executed under the strict supervision of the Engineer In-charge.
8. The measurements shall be recorded jointly with contractor and CBSE engineer.
9. In case of delay, a penalty @ 1% per week shall be levied subject to a max of 5% of the contract value.
10. In case of poor workmanship, the Board shall have the right to rescind the contract and get the work executed through any other agency at the risk & cost of the defaulting contractor.
11. In case the work is kept suspended without any valid reason, the Board shall be free to get the remaining work executed through any other agency.
12. The contractor shall be required to provide adequate safety for its workers and the Board shall not be accountable to any kind of injury/ accident at site.
13. 5% amount shall be retained as security for a period of 12 months as defect liability. In case no defect is observed the same shall be released.
14. The contractor will use reputed brand of material like PHILLIPS, CROMPTON, HAVELLS or equivalent.
15. The contractor shall take all safety precautions for his workers and shall be sole responsible for any mishap.
16. A tenderer should quote the rate (s) of tender in figures as well as in words. The amount for each item should be worked out and the requisite totals given. Special care shall be taken to write rates in figures as well as in words and the amounts in figures only in such a way that interpolation is not possible. The total amount shall be written both in figure and in words.
17. All rates shall be quoted on the tender form and shall include all material, labour, transportation, all taxes, duties, testing, commissioning, supervision, tools, plants, wastage, sundries, scaffoldings as required mobilization demobilization, transportation etc. and nothing extra shall be payable on this account.
18. **Sealed Envelope-I:** shall contain draft for tender cost (Non-Refundable) & draft for Earnest Money Deposit of related work. The envelope should be superscripted as **ENVELOP-1** along with name of work - **Renovation of External Lightning in the RO CBSE Building at Patparganj**. Tender cost & EMD. Tenders without the earnest money and cost of tender if any will be summarily rejected.
19. **Sealed Envelope II:** marked as technical bid shall contain all the required documents incorporated in the format for the check list for tender submission. The envelope shall be super scribed as **ENVELOPE 2 -Technical bid for the work of Renovation of External Lightning in the RO CBSE Building at Patparganj**.

20. A separate sealed envelope marked **Envelope-III** (as above) shall contain the tender documents (Price part) each page duly signed & stamped with prices as specified in this **NIT**. The envelope shall be super scribed as **Envelope-3: Price Bid for the work of Renovation of External Lightning in the RO CBSE Building at Patparganj**.
21. All the 3 sealed envelopes should be put into a separate sealed envelope & superscribe as **Tender documents for the work Renovation of External Lightning in the RO CBSE Building at Patparganj. Due on 07.01.2016 at 1400 hrs**.
22. The Central Board of Secondary Examination will return the earnest money, where applicable to every unsuccessful tenderer after award of work.
23. CBSE do not bind themselves to accept the lowest or any tender or to give any reasons for the decision.
24. The Central Board of Secondary Examination reserve to themselves the right of accepting the whole or any part of the tender and tenderer shall be bound to perform the same at his quoted rates.
25. This notice of tender shall form part of the contract documents.
26. The validity of the tender (s) shall be up to 60 (sixty) days from the date of opening of Tender(s).
27. The use of whitener/eraser in this tender document is prohibited. While filling the tender papers, if any correction becomes necessary, the same should be done by SCORING OFF originally written rates/figures etc. and then rewriting should be done under initials of person filling the tender.
28. **Conditional Tender - Conditional tenders are liable to be rejected.**
29. **Canvassing** - Canvassing or support in any form for the acceptance of any tender is strictly prohibited. Any tenderer doing so will render himself liable to penalties which may include removal of his name.
30. **SUBLETTING** - The contractor shall not, without the prior approval of the competent authority in writing sublet or assign to any other party or parties, the whole or any portion of the work under the contract. Where such approval is granted, the contractor shall not be relieved of any obligation or duty or responsibility which he undertakes under the contract.
31. **REMOVAL OF UNDESIRABLE PERSON(S)** - The contractor shall, on receipt of a requisition from the Engineer-in-charge, at once remove any person(s) employed by him on the work who, in the opinion of the Engineer– in-charge is unsuitable or undesirable at the site of the work.
32. **RIGHTS TO INCREASE OR DECREASE WORK** - **The competent authority reserves the right to increase or decrease the works depending on the situation emanating at a particular time.** The competent authority also reserves the right to increase or decrease any portion of the work during the currency of the contract and the contractor shall be bound to comply with the order of the competent authority without any claim for compensation.
33. **FAIR WAGES** - The contractor shall pay not less than fair wages to labourers engaged by him on the works.
34. The material to be used shall be of the **make** and **brand** specifically noted in the Work Contract.
35. The light fittings shall not be received in open packs but in sealed packs only. These packs shall be shown to the Works Engineer before opening them. The factual position in respect of packs of light fittings shall be recorded by the Engineer-in-charge as and when the packs are opened along with their number.

36. The tools and machinery shall be possessed or arranged by the contractor in good working condition. No extra payment shall be made for use of the tools and machinery. No machinery will be supplied by CBSE.
37. Protection of work/workers: The safety of the work in all respect is contractor's responsibility till the site is handed over back to CBSE after completion of project.
38. Measurement: The quantities given in the tender are approximate but however the payment shall be made on the basis of actual measurement taken on site and in conformity with BIS codes.

## SCHEDULE OF WORK

**Name of work: External Lightning for the CBSE Building at Patparganj.**

S. No.	Description	Qty.	Unit	Rate	Amount
1.	Supply, Installation, wiring, connection, testing and commissioning of external boundary lighting system conforming to the technical specifications and drawings forming part of this document. Each 8 meter long MS tubular pole (410SP-17) shall weigh $89+5+3+0.8=97.8$ Kgs as per IS 2713-1980 Part I & II. Fixture will come at top of the pole along with reducer. Mounting by welding the junction box on the pole. Digging for making foundation of the pole. Erecting the pole by grouting in concrete foundation (The civil construction materials are the part of the supply against this assignment). Mounting junction box with connecting strip with MCB and arrangement for termination incoming and outgoing three phases cable Mounting the street light fixture of approved equal on the pole top. Connecting the fixture by using 3c*2.5mm PVC flexible copper wires of colour green, red and black to the junction box. Testing the connections and completing the installation. Providing two numbers 25mm GI Pipe for incoming and outgoing cables from cable laying depth to outside foundation. Painting the pole with two coats of red oxide and two coats of aluminum paint. The incoming cable work, outgoing cable work and the earthing of poles are covered under the cabling and earthing.	29.00	Each		
2.	Supplying, Erecting an outdoor street light fixture having 100W, LED lamp in aluminum lamp chamber having an acrylic cover for satisfactory operation I the open. Confirming to <b>Phillps Cat No. BRP410LED068 Or equivalent (90W &amp; above).</b>	29.00	Each		
3.	<b>GATE LIGHT AT GATE ENTRANCE</b>				
a.	Supplying, Installation, wiring, connection, testing and commissioning of external boundary lighting system conforming to the drawing forming part of this document. The work for each light point comprises of: Installation of GI tubular pipe 600 mm long. Mounting the junction box on the well. Digging in wall for grouting the bracket . connecting the fixture by using 3Nos. 2.5mm PVC flexible copper wires of colour green, red and black. Testing the connections and completing the painting the bracket with two coats of red oxide and two coats of aluminum paint. The incoming cable work, outgoing cable work and the earthing of poles are covered under the cabling and earthing.	4.00	Each		
b.	Supplying, erecting an outdoor post top lantern 24W LED confirming of Klite LUCY Cat no 4850	4.00	Each		

4.	Supplying multi-core, stranded aluminum or copper conductor, PVC/XLPE insulated aluminum conductor armoured, extrude outer PVC sheathed 1100v, grade cables. The work involves the following sizes.				
a.	4c * 16sqmm 'AL' PVC cable arm XLPE	400.00	Mtrs.		
b.	4c * 10sqmm 'AL' PVC cable arm XLPE	450.00	Mtrs.		
5.	Laying testing and commissioning, multi core, stranded/solid aluminum conductor, PVC insulated armoured, PVC sheathed 1100V, grade cables in ground. The work involves digging of trenches not less than 600mm deep, providing sand cushioning below the cable and covering the cables with hard burnt bricks for the following sizes.				
a.	4c * 16sqmm 'AL' PVC cable arm XLPE	400.00	Mtrs.		
b.	4c * 10sqmm 'AL' PVC cable arm XLPE	450.00	Mtrs.		
6.	Supply & making of all materials for termination of the 1.1 KV grade copper and aluminum multi-core cables of the following sizes. The work involves cables glanding using brass plated single compression glands, sizing the core leads, removing insulation, fixing suitable crimping type Aluminum /copper (for copper cables) lugs/thimbles by using hydraulic crimping tools with correct size of the dies, shaping the leads and neatly connecting the same to the equipment terminals. For unarm cables poly amide cable gland				
a.	4c * 16sqmm 'AL' PVC cable arm XLPE	36.00	Sets		
b.	4c * 10sqmm 'AL' PVC cable arm XLPE	34.00	Sets		
7.	Supply & Laying of 8 gauge GI wire for earthing	1150	Mtrs.		
	<b>Total</b>				

Total Amount is Rs. \_\_\_\_\_

Rates in figure: \_\_\_\_\_

In words: \_\_\_\_\_

Accepted by me

Signature

Prop/Manager

Seal of the agency

Tel. No.:

Mob No.: