

**CENTRAL BOARD OF SECONDARY EDUCATION
“SHIKSHA KENDRA”, 2 COMMUNITY CENTRE,
PREET VIHAR, DELHI-110092**

SHORT TERM TENDER NOTICE

Sealed tenders under two bid system are invited from reputed agencies for execution of works at ‘Vilayil Building, Unichira Junction, Ernakulum, Kochi’ detailed as under:

| | P.E. | EMD |
|-----------------------------|-----------|--------------|
| 1. Civil & Electrical works | 40.0 lacs | Rs. 1.0 Lacs |

Agencies having executed at least two works of similar nature need to apply. EMD as detailed above & cost of tender Rs. 500/- (non refundable) payable through DD/BD in favour of The Secretary, CBSE, Delhi is to be annexed. The tender needs to be submitted in **two separate sealed envelopes** comprising of Technical Bid and Price Bid. Both the envelopes shall be kept in bigger envelope super scribing **“Tender for Civil & Electrical Works”**.

Tenders duly filled in be dropped in the tender-box placed at Kendriya Vidyalaya, Kadavanthara, Nr Stadium, Kochi, Kerala 682020 on or before 17.05.2016 upto 2.00 PM. Tender shall be open on 17.05.2016 at 3.00 PM at Kendriya Vidyalaya, Kochi, in presence of tenderers, who wish to be present. Tender documents shall be downloaded from Board’s website: www.cbse.nic.in. Incomplete, conditional & belated tenders shall be summarily rejected.

Joint Secretary (A&L)

CENTRAL BOARD OF SECONDARY EDUCATION

INSTRUCTIONS TO THE TENDERER

1. Incomplete and conditional tenders shall be summarily rejected.
2. Rates are to be quoted in words and figures without any cutting/overwriting/erasing.
3. The agency should quote the rates after visiting the site that to after proper assessment of work.
4. Prescribed enclosures are to be attached with the Technical Bid.
5. Technical Bids and Price-Bid should be signed by the same authorized signatory of the Agency.
6. The Bids shall be opened on 17.05.2016 at 3.00 p.m. in the presence of the tenderers, who may like to be present.
7. Any additional information required by CBSE in respect of the work experience shall be submitted by the tenderers within three days, failing which the offer shall not be entertained.
8. The Tender received without EMD of Rs. 1.0 Lacs/- & cost of tender form of Rs. 500/- in form of Demand Draft/ Banker's Cheque shall be summarily rejected.

Cost of Tender Form: Rs.500/-
(Non Refundable)

CENTRAL BOARD OF SECONDARY EDUCATION
“SHIKSHA KENDRA”, 2 COMMUNITY CENTRE,
PREET VIHAR, DELHI-110092

Name of Work: Civil & Electrical works at CBSE, COE, Office Vilayil Building, Unichira Junction, Ernakulum Kochi

TECHNICAL BID

Last date of submission: 17.05.2016
Upto: 2.00 PM

Note : Tenderer must read the instructions
Instructions to the Tenderers : Before filling the particulars in this part

1. Credentials of the Tenderers:

- 1.1 Name of the Agency : _____
- 1.2 Office Address and Tel. No. : _____
- 1.3 P.F A/c No. : _____
(with documentary evidence)
- 1.4 PAN No. : _____
(with documentary evidence)
- 1.5 Service Tax Reg. Certificate : _____
(supported with documentary evidence)

2. Experience (last three years) : _____

| Sr. No. | Year | Name of the Organisation | Cost of the work (executed) | Name of Office/ Organ. with Tel. No. | Period from - to |
|---------|------|--------------------------|-----------------------------|--------------------------------------|------------------|
| 01. | | | | | |
| 02. | | | | | |
| 03. | | | | | |

2.2 Present assignment in hand complying tender parameters:

- (i)
- (ii)
- (iii)

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

Amount Rs. : _____

D.D/Nos. : _____

Issuing Bank with Date of Issue: _____

5. The Financial-Bid of the prequalifying agencies shall only be opened.

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

(Signature of the Tenderer)
With complete address and seal

Add _____

Tel. No. _____

Mobile No. _____

| PRICE BID | | | | | |
|--|--|------|------|--|--------|
| Schedule of work | | | | | |
| <u>Name of Work: Civil & Electrical works at proposed site for CBSE, COE for Teachers at Vilayil Building, Unichira Junction, Ernakulum Kochi</u> | | | | | |
| S. No. | Description of work | Qty. | Unit | Rate (In Rs.....) including all Taxes | Amount |
| 1. | <p>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.</p> <p>8 mm thick fully perforated alcium silicate board made with lcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm, of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.</p> | 950 | sqm | | |

| | | | | | |
|----|---|-----|-----|--|--|
| 2. | <p>Providing sand fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.</p> <p>66mm overall thickness partition using 8mm thick double skin non- asbestos multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws.</p> | 415 | Sqm | | |
| 3. | Providing & fixing thermal insulation with Resin Bounded Fibre glass wool conforming to IS: 8183. Density 24 kg/m ³ , 50mm thick, wrapped in 200G Virgin Polythene bags placed in partitions held in position by crisscrossing. | 390 | sqm | | |
| 4. | Providing and applying white cement based putty on average thickness 1mm of approved brand and manufacture, over the plastered overall surface to prepare the surface even and smooth ect. Complete | 800 | sqm | | |
| 5. | <p>Distempering with 1st quality acrylic distemper(ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.</p> <p>- Two or more coats on new work</p> | 800 | sqm | | |

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|-----|--|-----|------|--|--|
| 6. | <p>Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.</p> <p>35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws</p> | 35 | sqm | | |
| 7. | Extra for cutting rebate in flush door shutters (total area of the shutter be measured). | 2 | Sqm | | |
| 8. | <p>P&F of moulding with klin seasoned & chemically treated hillock/ivorycoast wood.</p> <p>a. 12x12 mm</p> <p>b. 25x12 mm</p> <p>c. 35x12 mm</p> | | | | |
| 9. | <p>Providing & Fixing decorative high pressure laminated sheet of plain/wood grain in gloss/matt/suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS: 2046 Type S, including cost of adhesive of approved quality.</p> <p>1.0 mm thick</p> | 70 | Sqm | | |
| 10. | <p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :</p> <p>For fixed portion</p> <p>1. Powder coated aluminium (minimum thickness of powder coating 50 micron)</p> | 272 | Kg | | |
| 11. | <p>Providing and fixing glazing in door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):</p> <p>With float glass panes of 5.50 mm thickness</p> | 90 | sqm | | |
| 12. | Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment | 16 | Nos. | | |

| | | | | | |
|-----|--|-----------------|-------------------------|--|--|
| | with necessary accessories and screws etc. complete. | | | | |
| 13. | Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868)transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper | 16 | Nos. | | |
| 14. | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS:1868) transparent or dyedto required colour or shade, with necessary screws etc. complete : - size - 250x10 mm | 16 | Nos. | | |
| 15. | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868)transparent or dyedto required colour or shade, with necessary screws etc. complete : size-125 mm | 38 | Nos. | | |
| 16. | Providing & fixing of stainless steel lock 2 levers as per approved sample. | Rate only | | | |
| 17. | Providing and fixing aluminium sliding door bolts, ISI marked anodized anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : - 300x16 mm | 16 | Sqm | | |
| 18. | Finishing with French spirit polishing Two or more coats on new works including a coat of wood filler etc. complete. | 10 | Sqm | | |
| 19. | Wiring for light point /fan point/ exhaust fan point /call bell point with 1.5 sq. mm. FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5sq.mm. FR PVC insulated copper conductor single core cable etc as required. 1. Group A 2. Group B 3. Group C | 15 30 200 | Point Point Point | | |
| 20. | Wiring for light/power plug with 2x4 sq. mm. FRPVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit along with 1 No. 4 sq.mm. FR PVC insulated copper conductor single core cable for loop earthing as required. | 200 | Metre | | |
| 21. | Wiring for circuit/ submain wiring along with earth wire with the following size of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required. | | | | |

| | | | | | |
|-----|--|-------------------------|----------------------------------|--|--|
| | 1. 2 x 1.5 sq.mm. +1 x 1.5 sq.mm. earth wire 2. 2 x 2.5sq.mm.+1x2.5 sq.mm. earth wire 3. 2 x 4 sq.mm. +1 x 4 sq.mm. earth wire 4. 2 x6 sq.mm. + 1 x 6 sq.mm. earth wire | 80 330 235 100 | Metre Metre Metre Metre | | |
| 22. | Supplying and drawing following pair 0.5 sq.mm. FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/recessed steel /PVC conduit as require 1. 2 Pair 2. 4 Pair | 200 200 | Metre Metre | | |
| 23. | Supplying and drawing co-axial TV cable RG – 6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/recessed steel/PVC conduit as required. | 250 | Metre | | |
| 24. | Supplying and fixing of following sizes of Medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 1. 20mm 2. 25mm 3. 32mm | 120 100 60 | Metre Metre Metre | | |
| 25. | Supplying and fixing following piano type switch/socket on the existing switch box i/c laminate sheet including connections etc. as required. | | | | |
| | 5/6 amps switch | 300 | Each | | |
| | 15/16 amp switch | 30 | Each | | |
| | 3 pin 5/6 amp socket outlet | 30 | Each | | |
| | 6 pin 15/16 amp socket outlet | 5 | Each | | |
| | Telephone socket outlet | 2 | Each | | |
| | TV antenna socket outlet | 2 | Each | | |
| | Bell push | 2 | Each | | |
| 26. | Supplying and fixing stepped type electronic fan regulator on existing laminate sheet & switch box including connections etc. as required. | 25 | Each | | |
| 27. | Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/wooden block including connection etc as required. | 10 | Each | | |
| 28. | Providing and fixing 16/0.20mm (0.50sq. mm) twin flat flexible, FR PVC insulated, copper cable, in PVC sleeve of suitable size on the floor/wall, or side of the table/door etc. as required. | 100 | Mtr. | | |
| 29. | Supply of ceiling fan with accessories of Crompton/Bajaj/Havells make for the followings. 1. 1200mm size 2. 1400 mm size | 15 6 | Each | | |

| | | | | | |
|-------|--|-----|------|--|--|
| 30. | Installation, testing and commissioning of ceiling fan, including wiring and down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable including providing and fixing phenolic laminated sheet cover on the fan box etc. as required. | 25 | | | |
| 31. | Supplying and fixing extra conduit down road of 20 cm length G.I. pipe 15mm dia, heavy gauge including painting etc. as required. (Note more than 5 cm length shall be rounded to the nearest 10cm and 5cm or less shall be ignored). | 25 | Each | | |
| 32. | Supplying and Installation of 38W/42W, 600mm x 600mm x 13mm surface mounted LED Luminaire with complete PMMA Diffuser (Suitable for fixing in any 600 mm x 600mm False ceiling System) having following specification: <ul style="list-style-type: none"> - Emitter Qty. 648, Luminous Type 2600, Light effect 65, Lux 1083, Lux @ 1 mtr., Colour Temperature 4500K, Driver Type Long Life constant driver power consumption 40W, Power Factor 0.96, Input voltage - 277V (A.C.), output current 310 M.A. (Syska/Bajaj/Crompton) | 160 | Each | | |
| 33. | Providing & fixing of down comer LED Light 11/15W (Syska/Bajaj/Crompton make) etc. complete as per direction of Engineer In-charge at site. | 40 | Each | | |
| Total | | | | | |

(Signature of the Tenderer)
With complete address and seal
Add _____

Tel. No. _____

Mobile No. _____

TERMS AND CONDITIONS

1. The work should be executed as per CPWD specifications and as per directions of Engineer-In-Charge.
2. The time of Completion of work would be 30 days.
3. The rate shall be firm and of inclusive all taxes and valid for a period of 45 days from the date of tender.
4. The measurement shall be done jointly.
5. The electrical items/material must comply the IS standards/the approved brands.
6. The elect. Copper cables shall be of Kalinga/Havell's/Plaza /Ancor/Finolex.
7. Modular type switches shall be of Havell's/Anchor/Northwest/Legrand.
8. The TPN/DB/MBD/MCB's shall be of Havell's/Standard/Hager/L&T.
9. The agency shall not delay/stop the work without any valid reason.
10. In case of no/slow progress, inferior workmanship, the Board shall have the right to rescind the contract & get the work executed at the risk & cost of the defaulting agency.
11. In case of delay, a penalty of 1% per week would be deducted from the bill subject to a max of 5% of the tender value.
12. Computerized Bill should be submitted by the Contractor for process of payment.
13. All T & P shall be arranged by the Contractor.
14. 5% of the bill shall be deducted as defect liability and shall be released after one year.
15. 25% deviation in quantities would be permitted. For Extra items the non-scheduled items as per market rates and for schedule item as per DSR 2014 would be paid. The Extra items should be executed with prior approval of Engineer-in-Charge.
16. Agreement shall be executed by the agency at its own cost.
17. The Contractor shall comply with all the provisions of the Minimum Wages Act – 1948 and other labour laws that may be in force.
18. No payment shall be made the Contractor for any damage due to any natural cause during the execution of works.
19. All material used shall be as per specification and ISI marked wherever applicable.
20. The Contractor shall be responsible for the Safety of workmen.
21. The Contractor shall produce samples before procurement of the material for approval of the Engineer in-Charge for all materials required for work. The material and makes out of the above, as approved by the Engineer-in-Charge shall be used on the work. The decision of the Engineer in-Charge from the above makes shall be final.
22. In respect of the material for which approved makes are not specified as above, the same shall be decided by the Engineer-in-Charge and shall be as per the sample got approved from Employer before the procurement.
23. One running payment would be considered after 65% completion of the work & subsequently there after final bill would be paid within 30 days after submission of bill by the contractor.
24. Scaffolding wherever required shall be arranged by the Contractor for which no extra payment shall be made.
25. The contractor will use approved brand of material as given in the tender.
26. A tenderer should quote the rate (s) of tender in figures as well as in words. The total amount shall be written both in figure and in words.
27. 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. However, the rates shall not include the service tax, which will be reimbursed on submission of challan.
28. Sales Tax or any other tax on materials in respect of this contract shall be payable by the contractor and the will not entertain any claim whatsoever in this respect.
29. **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 - **Civil & Electrical works**
30. Tender cost & EMD. Tenders without the earnest money and cost of tender if any will be summarily rejected.
31. **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 – Civil & Electrical works**.

32. A separate sealed envelope marked **Envelope-III** (as above) shall contain the **Price Bid** each page duly signed & stamped with prices as specified in this **NIT**. The envelope shall be super scribed as **Envelope 3 - Civil & Electrical works**.
33. All the three sealed envelopes should be put into a separate sealed envelope & super scribe as **Tender documents for Civil & Electrical Works**.
34. **Conditional Tender - Conditional tenders are liable to be rejected.**
35. **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.
36. **RIGHT 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.
37. **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.
38. **ACCEPTANCE / REJECTION OF TENDER**
i) CBSE does not bind itself to accept the lowest tender.
ii) CBSE also reserves the right to accept or reject any tender in part or full without assigning any reason whatsoever.
39. **FIRM RATES:** **The rates quoted by bidder shall remain firm till completion of all works even during the extended period, if any, on any account what so ever. It is provided that the contractor shall not increase any of the rates, quoted in the tender till the completion of work.**
40. **MATERIALS:** All materials to be provided by the Contractor shall be in conformity with the specifications laid down in the contract and the Contractor shall, if requested by the Engineer- in-Charge, furnish proof to the satisfaction of Engineer- in-Charge in this regard.
41. **Income Tax/WCT/VAT:**
1. Income tax including surcharge if any, at the prevailing rate shall be deducted from the Contractor's bills as per the provision of Income Tax Act.
2. The Contractor shall ascertain from the concerned commercial tax department regarding the applicability of Works Contract Tax / VAT/TIN. Necessary deductions will be made from the contractor's bill as applicable.
42. In case of any dispute, the Arbitrator shall be appointed by the Chairman and his decision shall be binding on both the parties. No escalation in rates would be given.

(Signature of the Tenderer)
With complete address and seal
Add _____

Tel. No. _____

Mobile No. _____

