

CENTRAL BOARD OF SECONDARY EDUCATION

(An autonomous organization under Min. of Human Resource Development, Govt. of India)

SHIKSHA KENDRA, 2, COMMUNITY CENTRE, PREET VIHAR, DELHI-92

SHORT TERM TENDER NOTICE

Sealed tenders under two-Bid system are invited from reputed agencies for execution of works detailed hereunder:

	P.E.	EMD
1. Civil & Misc. Works	Rs. 25.0Lakh	Rs.65,000/-
2. Electrical & Allied works	Rs. 15.0Lakh	Rs. 40,000/-
3. Providing Housekeeping & Security Services	Rs. 5.5Lakh	Rs. 15,000/-

Agencies having executed at least 2 works of similar nature need to apply. EMD as detailed above & cost of tender Rs. 1,000/- payable through DD/BD in f/o The Secretary, CBSE Delhi is to be annexed. Tenders duly filled in be dropped in the tender-box placed at Kendriya Vidyalaya, Kirkee, Pune on or before 17.10.2014 upto 2.00 P.M. Tender documents be down loaded through our website: www.cbse.nic.in Incomplete, conditional & belated tenders shall be summarily rejected.

Jt. Secretary (A&L)

IMPORTANT INSTRUCTIONS TO THE TENDERERS

1. Agencies may quote for item of work for which it has the expertise & qualifies the tender parameters.
2. Incomplete and conditional tenders shall be summarily rejected.
3. Rates are to be quoted in words and figures without any cutting /overwriting.
4. Interested Agencies shall be required to enclose all requisite documents i/c catalogues etc.
5. 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.
6. Tenders received without EMD as specified in the tender notice & cost of tender Rs. 1,000/- in the form of a Demand Draft shall be summarily rejected.
7. The authorized signatory must quote his telephone & mobile numbers.
8. The tenders duly filled in shall be submitted at Kendriya Vidyalaya, Range Hills Estate, Kirkee Pune – 411020 upto 2.00 P.M. on or before 17.10.2014
9. The tenders shall be opened on 17.10.2014 at 2.30 p.m.
10. The tenderer shall be required to submit experience, regn. No. & other documents alongwith the tender.
11. The work is time-bound, & needs to be executed, qualitatively.
12. Prescribed enclosures are to be attached with the Technical Bid.

CENTRAL BOARD OF SECONDARY EDUCATION

Last date of submission: 17.10.2014

upto 2.00 P.M. at Kendriya Vidyalaya, Range Hills Estate, Kirkee Pune – 411020

Note: Tenderer must read the Important Instructions
Instructions to the Tenderer: before filling the particulars in the part.

Name of the work: Civil & Misc. Works

Location: Shopper's orbit, 316 –C 3rd floor, Visharantwadi Pune

1. Credentials of the Tenderers

- 1.1 Name of the Agency with
Regn. No.
- 1.2 Office Address and
Tel No.
- 1.3 Name(s) of the proprietor/.....
Partners
- 1.4 WCT No.
- 1.5 PAN/TAN No.
(with documentary evidence)
- 1.6 Annual turnover during last three years
(2011-12,2012-13,2013-14)
Supported with documentary evidence.....

- 2.0 Has the firm been even debarred/Black
Listed by any organization?
If 'Yes' the details thereof.

- 2.1 The organizational set-up including
Technical infrastructure/staff strength in all the categories.
.....

- 2.2 Particulars of Demand Drafts annexed as E.M.D & cost of tender, Rs 1,000/- DD No.....

E.M.D. Rs.	/- DD No.	Name of the Bank
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2.3 Names of the Organisations/Bldgs. where similar work has been completed.

- 1.
- 2.
- 3.
- 4.
- 5.

(Signature of the tenderer)

Tel No. :

Mobile No.:

Schedule of Rates (PART -A)

Name of work: Providing & fixing of Partitions/Cabins & Misc. works

S. No.	Description	Qty.	Unit	Rate	Amount
1.	<p>Providing and 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 120gms/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>(a) 66mm overall thickness partition using 8mm thick double skin non-asbestos multipurpose cement board reinforced with cellulose</p>	200	Sqm.		

	<p>fibre manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws.</p> <p>OR</p> <p>(b) 75 mm overall thickness partition with 12.5 mm thick double skin fire rated gypsum board conforming to IS:2095:part I.</p>				
2.	Providing and Fixing thermal insulation with Resin Bounded Fibre glass wool conforming to IS: 8183. Density 24 kg/m ³ , 50 mm thick, wrapped in 200G Virgin Polythene bags placed in partitions held in position by criss-crossing.	160	Sqm.		
3.	Providing and fixing wooden door frame of wood section 66x80 mm or as directed by the Engineer-In-Charge, fixed with rawl /wooden plugs/expansion bolts and drilling necessary holes for rawl plug etc. including priming coat complete. Klin seasoned and chemically treated hollock wood/Ivory coast.	0.20	Cum.		
4.	P&F of vinyl flooring of 1.5 mm thick over existing flooring and pasting with adhesive compound as per manufacture specification etc. complete.	Rate only	Sqm.		
5.	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. 32 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	20	Sqm.		
6.	Distemping with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work	460	Sqm.		
7.	Extra for cutting rebate in flush door shutters (Total area of the shutter be measured).	2	Sqm.		
8.	Providing and fixing brass tower bolts, with				

	necessary screws etc. complete : size – 250 x10 mm 200 x 10 mm	10 Nos. 10 Nos.	each each		
9.	Providing and fixing brass hanging floor door stopper with necessary screws etc. complete. Twin rubber stopper	10 Nos.	each		
10.	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 with necessary accessories and screws etc. complete.	8 Nos.	each		
11.	Providing and fixing glazing in door, window, ventilator shutters and partitions etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of wooden moulding/ beading shall be paid in basic item): (a) With float glass panes of 5.50 mm thickness (b) With float glass panes of 8.0 mm thickness	48 20	Sqm. Sqm.		
12..	P&F of moulding with klin seasoned & chemically treated hollock/ivory coast wood. (a) 12x12 mm (b) 25x12 mm (c) 35x12 mm	100 50 50	Mtr. Mtr. Mtr.		
13.	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. 1.0 mm thick	40	Sqm.		
15.	P&F of stainless steel lock 2 levers as per approved sample.	4Nos.	each		
16.	Finishing with French spirit polishing Two or more coats on new works including a coat of wood filler etc. complete	10	Sqm.		

17.	P&F of wall to wall woven carpet acrylic fibre pile height 8.0 mm with base of 6 mm foam i/c installation with adhesive etc. complete (sample to be attached).	180	Sq. Mts.		
18.	Providing Footmats of size 1. 1' ½ x 3'-0 ft. 2. 1' ½ x 4'-0 ft. 3. 2'-0 x 5' -0 ft.	10 Nos. 4 Nos. 4 Nos.	Each Each Each		
19.	P&F of curtains of cotton based fabric (Heavy duty) The fabric should be costing in the range of Rs. 200-225 /mtr. (Sample of the fabric be attached)	250	Rm		
20.	Stitching charges per curtain	60 Nos.	Each		
21.	P&F of Curtain rods made of stainless steel 25 mm dia with brackets/holders & end cap complete.	60	Rm		
22.	Alternative Item in place of Item No. 1 (a) Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Sal wood OR (b) Providing and fixing frame work for partitions/wall lining etc. made for 50x50x1.6 mm hollow MS tube, placed along with the wall, ceiling and floor in a grid pattern with spacing @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ceiling/floors with steel dash fasteners or 8mm dia, 75 mm long bolt, including making provision for opening for doors, windows, electrical conduits, switch boards etc. including providing with two coats or approved steel primer etc. complete, all as per direction of Engineer-in-charge.	5 3800	Cum. Kg.		
23.	Providing and fixing plain lining with necessary screws/nuts & bolts/nails, including a coat of approved primer on one				

	face, and fixed on wooden/steel frame work, complete as per direction of Engineer-in-charge (Frame work shall be paid for separately).				
	(a) 12 mm thick commercial ply conforming to IS: 1328 BWR type	Rate only	Sqm.		
	(b) 6 mm thick commercial ply conforming to IS: 1328 BWR type	Rate only	Sqm.		

Total Amount:

Schedule of work (PART – B)

Providing office furniture

S. No.	Description	Qty.	Unit	Rate	Amount
1.	<p>Providing table to sizes in commercial board (ISI marked). The top shall be made of 25 mm commercial board duly affixed with high quality 4 mm thick decorative veneer conforming to IS : 1328 (Type I) & around high quality curvilinear wood moulded beading of Size 70x20mm fixed with wooden adhesive of approved quality & screw/nails on the edges. The side panels made of 19 mm commercial board with 4 mm decorative veneers on both side and semi-circular wooden moulding on edges. The table shall have 3 drawers of size 320mm x120 mm. The modesty panel shall be aesthetically & ergonomically designed. The table should have a wooden footrest of suitable Size. The entire table shall be finished with high gloss polishing as per direction of The Engineer Incharge.</p> <p>(a) Table of Size 1800x900x750mm (wxdxh)</p> <p>(b) Table of Size 1500x900x750mm (wxdxh)</p>	1 2	Nos. Nos.		
2.	<p>Providing conference table of size 16'-0 x 4'-0 ft with internet/wiring knuckles @ 3'-0 c/c. The table top shall have 1.0 mm laminate & 0.7 mm laminate on the</p>				

	other/bottom side. The modesty panel shall be provided in the centre approx. 1-0 ft above the floor level. The table shall have two angular support base joined in, V-shape & duly laminated on the both sides & the semicircular wooden moulding fixed on edges.	1	Nos.		
3.	Stainless Steel ergonomically designed waiting composite bench (sofa) with seat & back suitably curved & made of 1.0 mm thick perforated SS sheet. The SS shall be of 202 grades with intermediate support. (a) 3 Seater Visitor's bench(sofa) (b) 2 Seater Visitor's bench(sofa)	3 3	Nos. Nos.		
4.	Supply of medium back chairs made of SS grade 202, 1" ERW pipe of 16 guage, seat & back made of 12 mm hot pressed ply with bottom covered & mounted firmly on the SS frame. The foam should be of 40 density (feather foam make). The chair could be single/duo colour fabric/ leatherite combinations as per EIC/ Architect. The chair shall be fixed type resting on the four legs with neoprene/rubber shoes. Alternatively the SS frame could be in 'S' formation/Model. The hand rest SS pipe shall be suitably curved & fixed with P.U./wooden handle of 25 mm ~ 30mm thick, 250~300 mm long with high quality finish to withstand abrasions. (Fixed chair sample to be approved by Engineer in Charge.)	20	Nos.		
5.	Providing studio table of approx, size 7'-6" in curvilinear shape with 600 mm width duly fixed with 1.0 mm laminate on top & balancing 0.7 mm laminate on the other face and edge banding with 19mm semicircular wooden moulding. The table shall be supported on 2 Nos. wooden columns of dia 200 mm & the base approx. 500 mm dia duly laminated.	1	Nos.		
6.	Providing curvilinear Reception Desk of size 6'-0 with 300 mm width curvilinear shaped				

	granite top having round edges & S.S. supports. The ht. of the desk shall be 1200 mm. The front unit shall be made of 8mm plywood with 1.0 mm metallic laminate of approved colour & shade on face & balancing 0.7 mm laminate on the interior. The table shall have a working top of width 600 mm and 3 drawers on one end & storage unit on the other. The table face shall have metallic laminate affixed in the geometrically grooved formation.	1	Nos.		
7.	Providing table of size in commercial board (ISI Marked). The top shall be made of 25 mm commercial board duly (affixed with 1.0 mm thick laminate & balancing 0.7 mm laminate on the bottom) with flat edges duly sealed with 2 mm thick PVC edge lipping. The sides & modesty panel made of 19 mm commercial board with 0.7 mm laminate on both sides. The SS frame with 25 mm pipe i/c foot rest & provided with high quality neoprene/rubber shoes. The table shall have 3 (three) drawers with locks of reputed brand (Godrej/Harrison). (a) Table of size 1200x600x750 mm (wxdxh) (b) Table of size 1050x600x750mm (wxdxh)	2 4	Nos. Nos.		
8.	P&F of wooden wall hung storage units of size 3'-0x3'-0 having 2 shelves & 3 compartments with openable shutters. The lock shell be of Godrej make & handles of 5''-0 size made of SS. The storage unit shall have 1.0 mm laminate on the exterior & balancing 0.7 mm on the interiors i/c the shelves.	6	Nos.		
9.	Providing slotted angle steel racks of size: (a) 900 mm x 380 mm Ht. 2400 mm (as per specifications)	6	Nos.		
10.	Providing and fixing high back chairs made of SS 202 grade 1'' ERW pipe of 16 gauge seat and back in made of 12mm hot press single ply and provided with 40/50 density pure foam (Feather foam make) and covered with premium quality of leatherite /fabric. The chair could be single/				

	duo colour fabric combinations per Engineer In charge. The Chair Shall be provided with 120mm BIFMA passed gas lift and conventional tilt mechanism with one lever control for lock and seat height adjustment. Plate thickness shall 2.5mm and angle is 3~18 (BIFM passed). Alternatively the handle could be of chrome plated M.S/Nylon poly urethane one piece and base having 1359 kg weight capacity as per BIFM standard. High-back revolving chair sample to be approved by Engineer In Charge.	4	Nos.		
11.	Providing steel almirah of size 1970 mm x 900mm x 485mm made of 1.0 mm M.S. sheet with 5 shelves & six compartments (without locker). The legs should be heavy duty & the complete unit painted through seven tank process with oven baking. The locks should be of Godrej make.	4	Nos.		

Total Amount:

(Signature of the Agency)

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 rate shall be firm and of inclusive all taxes and valid for a period of 60 days from the date of the tender.
3. The completion time would be 20 days.
4. In case of delay, a penalty of 1% per week should be deducted. Subjected to a max. of 5% of the tender value.
5. The measurement shall be done jointly.
6. All T&P shall be arranged by the Contractor.
7. Payments shall be made within 15 days of the Completion of work & submission of bill duly certified by the Engineer-In-Charge.
8. 5% of the bill shall be deducted as defect liability and shall be released after 6 months.
9. Quantities mentioned are tentative & may vary to any extent.
10. Extra-item if any would be paid on analyzed Market rates but the work must be executed with prior approval of the Engineer-in-charge.
11. In case of any dispute, the Arbitrator shall be appointed by the Chairman and his decision shall be binding.
12. The materials to be used must be got approved from the Engineer-In-Charge before installation/use. In no case, unspecified material shall be brought at site.
13. The lamination shall be of Merino/Greenlam.
14. The commercial plywood shall be to Kitply/National/Duro/ISI conforming IS 303 & IS 1328 BWR grade.
15. The door closer shall be of Amar/Godrej/Samrat/Everite.
16. The flush door shutters shall be Diamond /Swati/Bhutan/Sitapur/ISI.
17. The mortise lock shall be of Godrej/Harrison/Link.
18. The glass shall be of Modi/Asahi/Saint Gobain.
19. The carpet shall be made of durable stuff and loop pile to withstand abrasions.
20. The Colour fastness should be ensured for 5 years.
21. The foam under the carpet shall be of 6mm thickness and reputed brand.
22. The carpet installation shall be smooth without kinks/undulations.
23. The carpet shall be guaranteed for a period of one year.
24. Complaint lodged during the defect liability period of one year shall be attended within 24 hours of reporting.
25. Potable water shall only be used at site/work and arranged own self by the contractor. Nothing extra shall be paid on this account.
26. Agreement shall be executed by the agency at its own cost.
27. The agency shall not delay/stop the work without any valid reason.
28. 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.
29. Concerning furniture items catalogues must be attached.
30. The finishing of the furniture should be high quality complying the specifications.
31. The drawings of the tables, reception desk and chairs shall be got approved before execution.
32. The wooden furniture shall be inspected in raw condition, only thereafter finishing coats shall be applied.
33. The SS used shall be of 202 grade.

34. The colour of the chair upholstery/leatherite shall be got approved.
35. 19mm commercial board of reputed brand namely Diamond /Swati/Bhutan/Sitapur/ISI.
36. The slotted angel steel racks shall have angle of 40x40x2 mm and shelves of 1.2 mm sheet thickness having machine multi-brend to with stand load of 75 kg per shelf.
37. Painting shall be oven baked with 7 tank process.
38. The steel rack shall be of Godrej/Vinar/Neelkamal/Hite make. In case non-availability, the sample shall be got approved.
39. The racks shall be suppoted /grouted with the wall as directed.
40. The steel rack must be complying IS: 513 and IS :1079

Accepted by me

(Signature of the Prop./Manager)

With complete address and seal

Add: _____

Tel. No. _____

Mobile No. _____

Schedule of Rates (PART -C)

Electrical Installation & Misc. allied works.

S.No.	Description	Unit	Qty	Rate	Amount
1.	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 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. 1. Group A 2. Group B 3. Group C	Point Point Point	10 30 110		
2.	Wiring for twin control light point with 1.5 sq. mm. FR PVC insulated copper conductor single core cable in surface recessed medium class PVC conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.	Point	4		
3.	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.	Metre	200		
4.	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 1.5sq.mm. earth wire 2. 2 x 2.5sq.mm. + 1 x 2.5 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 5. 2 x 10 sq.mm. + 1 x 10 sq.mm. earth wire 6. 2 x 16 sq.mm. + 1 x 16 sq.mm. earth	Metre Metre Metre Metre Metre Metre	100 160 60 40 Rate only Rate only		

	wire				
5.	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 required. 1. 2 Pair 2. 4 Pair	Metre Metre	500 150		
6.	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.	Metre	100		
7.	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 4. 40 mm	Metre Metre Metre Metre	60 100 40 10		
8.	Supplying and fixing following piano type switch/socket on the existing switch box i/c laminate sheet including connections etc. as required. 1. 5/6 amps switch 2. 2 ways 5/6 switch 3. 15/16 amp switch 4. 3 pin 5/6 amp socket outlet 5. 6 pin 15/16 amp socket outlet 6. Telephone socket outlet 7. TV antenna socket outlet 8. Bell push	Each Each Each Each Each Each Each Each	Rate Only		
9.	Supplying and fixing stepped type electronic fan regulator on the existing laminate sheet & switch box including connections etc. as required.	Each	Rate only		
10.	Rewiring for light point/fan exhaust fan point/call point with 1.5sq. mm FR PVC insulated copper conductor single core cable and 1.5 sq. mm. FR PVC insulated copper conductor single core cable as earth wire in existing surface/recessed steel conduit including dismantling as required. (a) Group A (b) Group B	Point Point Point	Rate Only		

	(c) Group C				
11.	Rewiring for twin control light point with 1.5 sq. mm FR PVC insulated copper single core cable and 1.5 sq. mm. FR PVC insulated copper conductor single core cable as earth wire in existing surface/recessed steel conduit including dismantling as required.	Point	Rate Only		
12.	Wiring for light/power plug with 4x4 sq.mm. FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit along with 2 Nos. 4 sq. mm. FR PVC insulated copper conductor single core cable for loop earthing as required.	Metre	40		
13.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) (a) 2+6 way, Single door	Each	3 Nos.		
14.	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/ Isolator). (a) 6 way (4+18), Single door	Each	2 Nos.		
15.	Supplying and fixing of following ways surface/recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required.) (a) 8 way (4+24) , Single door	Each	1 Nos.		
16.	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required. (a) 1 x1.5 sq. mm (b) 2 x 1.5 sq.mm (c) 3 x 1.5 sq. mm (d) 4x1.5 sq.mm	Mtr. Mtr. Mtr. Mtr.			

	(e) 5x 1.5 sq. mm (f) 6x1.5 sq. mm (g) 7 x 1.5 sq. mm (h) 8x1.5 sq. mm (i) 2x4 sq. mm (j) 3x4 sq. mm (k) 4x4 sq. mm (l) 2x6 sq.mm (m) 3x6 sq. mm (n) 4x6 sq. mm	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.			
17.	Supplying and fixing metal box of following sizes (nominal sizes) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required. (a) 75 mm x 75mm x 60 mm deep (b) 100 mm x 100 mm x 60 mm deep (c) 150 mm x 75 mm x 60 mm deep (d) 200 mm x 150 mm x 60 mm deep (e) 200 mm x 150 mm x 75 mm deep (f) 250 mm x 300 mm x 60 mm deep	Each Each Each Each Each Each	20 Nos. 20 Nos. 20 Nos. 10 Nos. 10 Nos. 10 Nos.		
18.	Supplying and fixing metal box of 150 mm x 75 mm x 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	Each	Rate Only		
19.	Supplying and fixing metal box of 180 mm x 100 mm x 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	Each	Rate Only		
20.	Supply, installation on wall, testing and commissioning of 100 Amps capacity tap off box with 4 Nos. of copper bus bars of suitable capacity i/c connections etc. as per directions of the Engineers-in-charge.	Each	2 Nos.		
21.	P&F interior light fittings of size 595x595 mm consisting of 4x14/18 watts CFL, metallic reflector complete in false-ceiling Philips Crompton Wipro Bajaj	Each	40 Nos.		
22.	P&F of Recessed LED Down Lighter 150 mm dia,				

	complete in false-ceiling Philips 18/24 Watts Bajaj 18/24 Watts Wipro 18/24 Watts	Each	60 Nos.		
23.	P&F tube light fitting of size 595x595 mm consisting of 3x36W CFL/ fitting complete in false ceiling of Philips, Crompton, Wipro make	Each	Rate Only		
24.	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/wooden block including connection etc as required.	Each	100 Nos.		
25.	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.	Mtr.	300 Nos.		
26.	Installation, testing and commissioning of ceiling fan, including wiring and down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	Each	Rate Only		

Total Amount:

Note: In respect of item Nos. 21, 22 & 23 Brand & capacity be specified/ticked.

Accepted by me

(Signature of the Prop./Manager)

With complete address and seal

Add: _____

Tel. No. _____

Mobile No. _____

Schedule of work (PART – D)

AIR CONDITIONING WORK

1	Air conditioner				
1.1	<p>SITC of High wall split type following capacity air conditioners with one indoor evaporating unit and one condensing unit with rotary type compressor including all accessories and suitable for operating voltage 220V +/- 10% 50Hz +/-3% . The unit should be of high cooling performance, energy efficient complete with filling of R-22 refrigeration gas and sturdy for continuous operation and also with rust proof cabinet with sturdy front panel /grills must have auto swing and flush lowers etc. for horizontal and vertical air throws with including 5 m copper refrigerant, gas charging drain pipe and required electrical cabling with remote control etc. (Minimum 3 star rating). Make: HITACHI/CARRIER/VOLTAS/BLUESTAR. The rate inclusive of regular one year Warranty with three free services.</p> <p>(A) 2.0 TR (B) 1.5TR (C) 1.0TR</p> <p>The rate inclusive of regular one year Warranty with three free services.</p>	<p>8Nos. 6Nos. 2Nos.</p>			
1.2	<p>SITC of ceiling mounted Cassette Unit 2.0 TR capacity air conditioner with one condensing unit, rotary type compressor including all accessories and suitable for operating voltage 220V +/- 10% 50Hz +/-3% . The unit should be of high cooling performance, energy efficient complete with filling of R-22 refrigeration gas and sturdy for continuous operation and also with rust proof cabinet with sturdy front panel /grills, for smooth air throws including 5 m copper refrigerant, gas charging drain pipe and required electrical cabling with remote control etc. (Minimum 3 star rating). Make: HITACHI/CARRIER/VOLTAS/BLUESTAR. The</p>	<p>1No.</p>			

	rate inclusive of regular one year Warranty with three free services.				
1.3	Supply& Installation of Wall mounted following capacity automatic Voltage stabilizer of 170V to 270 range single Phase AC supply. (a) 3KVA (b) 4KVA (c) 5KVA	2Nos. 6Nos. 8Nos.			
1.4	Supply & Installation of 2mm thick PVC Drain pipes of suitable size in order to effectively drain out water as directed at site.	30 Mts.			
1.5	S&F of angle iron frame.	16 Nos.			
1.6	Supply & Laying of additional refrigerant copper piping for 1.5TR/2TR split AC unit	30Mts.			
1.7	Providing and fixing suitable size additional electrical cable for the outdoor unit.	Rate only			

Total Amount:

Accepted by me

(Signature of the Prop./Manager)

With complete address and seal

Add: _____

Tel. No. _____

Mobile No. _____

Terms and Conditions:

1. The work shall be executed as per the CPWD specifications.
2. The electrical items/material i/c Ac's must comply the approved brands.
3. The elect. Copper cables shall be of Kalinga/Havell's/Plaza /Anchor/Finolex.
4. Piano switches/sockets shall be of Havell's/Anchor.
5. The TPN/DB/MDB/MCB'S shall be Havell's /Anchor/standard/Hager/L&T/ Schneider.
6. The material supplied must be in company pack.
7. The material of unspecified brand shall not be brought & used at site.
8. The rates quoted must be inclusive of all taxes, octroi & transportation etc.
9. The material shall be supplied & installed within 15 days from the issue of the work order.
10. In case of slow progress/intentional delay, the Board shall have the right to rescind the contract & get the remaining work executed at the risk & cost of the defaulting agency.
11. In case of Ac's & Light Fittings 80% of cost shall be payable within 7 days against delivery of material in good condition.
12. No running payment shall be made. Payment shall be made within 15 days of the submission of the bill duly verified by the Site Engineers.
13. The defect liability period shall be six (6) months from the date of completion. A sum of Rs. 50,000/- shall be withhold during defect liability period which shall be released after 6 months from the date of completion. The said amount can be released on submission of Bank guarantee in f/o the Secretary CBSE Delhi.
14. The work shall be got executed through skilled manpower/technicians under the supervision of a qualified Supervisor/Foreman.
15. The agency shall be solely responsible for the safe custody of its material.
16. The agency shall ensure proper safety of its workers.
17. No T&P shall be provided by the Board.
18. The quantities mentioned in the schedule are tentative & may vary to any extent or even the item could be deleted. Hence, the actual quantity shall be worked out in consultation with the Board's Engineers.
19. In case of any dispute, the decision of the Chairman, CBSE shall be final & binding on both the parties.

Accepted by me

(Signature of the Prop./Manager)

With complete address and seal

Add: _____

Tel. No. _____

Mobile No. _____