

Central Board of Secondary Education

“SHIKSHA KENDRA”, 2 COMMUNITY CENTRE,PREET VIHAR, DELHI-110092

TENDER NOTICE

Sealed tenders under Two-Bid system are invited from reputed agencies registered with govt./semi govt./autonomous organizations/PSU's having 5 years experience for Civil works. Agencies having executed a minimum of 3 works of value 12.0 lacs each or two works of value Rs. 18.0 lacs or more may apply. Cost of tender documents Rs. 1,000/- & EMD amounting to Rs. 1,00,000/-payable through DD/BD in f/o the Secretary, CBSE & experience documents must be annexed alongwith Technical-bid. Sealed envelopes of Technical-bid & Price-bid be kept in another envelope superscribed “Civil works at Shiksha Sadan building”. Tender documents be downloaded from Board's Website: www.cbse.nic.in. Tender complete in all respect must be submitted latest by 11/09/2014 upto 2.30 p.m. and dropped in the tender-box placed at Reception Counter, HQ, Bldg. Preet Vihar, Delhi-110092.

JOINT SECRETARY (A&L)

Central Board of Secondary Education

“SHIKSHA KENDRA”, 2 COMMUNITY CENTRE, PREET VIHAR, DELHI-110092

Last Date for submission :11/09/2014

Upto 2.30 P.M.

Name of work: Civil Works at Shiksha Sadan building.

1. Credentials of tenderer

1.1 Name of the Agency : _____

1.2 Office Address and

Tel.Nos. _____

1.3 Licence No. & Registration

details(with documentary
evidence) _____

1.4 PAN No.

(with documentary evidence) _____

2. Annual turnover for last three years

supported with documentary evidence)_____

3. Experience (last three years) _____

3.1 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
01.					
02.					
03.					

3.2 Earnest Money Deposit (EMD)

1. EMDs of unsuccessful tenders shall be refunded after reasonable time without interest.
4. The tenders without EMD or partial EMD shall be summarily rejected.
5. Earnest money to successful tenderers shall be returned after completion of work.

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

Amount Rs. : _____

D.D/B.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

Tel. No.: _____

Mobile No.: _____

Place: _____

Date : _____

S.NO	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT
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CENTRAL BOARD OF SECONDARY EDUCATION

SHIKSHA KENDRA, 2, COMMUNITY CENTRE, PREET VIHAR, DELHI-1100092

INSTRUCTIONS TO THE TENDERERS

1. Incomplete and conditional tenders shall be summarily rejected.
2. Rates are to be quoted in words and figures without any cutting/overwriting
3. Analysis of rates must be attached with the tender.
4. The agency should quote the rates after visiting the site and proper assessment of work.
5. Prescribed enclosures are to be attached with the Technical Bid.
6. Technical Bids and Price-Bid should be signed by the same authorized signatory.
7. The Technical-Bids shall be opened on 11.09.2014 at 3:00 p.m. in the presence of the tenderers, who may like to be present.
8. 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.
9. Technical Bid received without EMD of Rs.1,00, 000/- and tender fee of Rs1000/-in the form of a Demand draft / Banker's Cheque shall be summarily rejected.

S.NO	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT
1.	<p>Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600 x 600 mm</p> <p>Note:- Basic rate of tile to be fixed will be upto Rs. 850/- per Sq.mt.</p>	380	Sq.mt		
2.	Deduct for not grouting the joints with white cement and matching pigment in the items of fixing of vitrified tiles.	380	Sq.mt		
3.	<p>Providing and fixing machine cut, mirror / eggshell polished, Marble stone work for wall lining (veneer work) including dado, skirting, risers of steps etc., in required design and pattern wherever required, stones of different finished surface texture, on 12 mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) laid and jointed with white cement slurry @ 3.3 kg/sqm including pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing, polishing etc. all complete as per Architectural drawings, and as directed by the Engineer-in-Charge.</p> <p>a. 18 mm thick Italian Marble stone slab, Perlato, Rossoverona, Fire Red or Dark Emperadore etc.</p>	90	sqm		
4.	Dismantling of aluminum / wooden paneled door for fixing of vitrified tile flooring and re fixing the same after fixing of vitrified tile. Necessary cutting and repair of door etc. complete. As per direction of Engineer In Charge.	12	Each		
5.	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and	50	Sq.mt		

	preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead :With cement mortar 1:4 (1 cement : 4 fine sand)				
6.	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	5500	Sq.mt		
7.	Removal of texture paint, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	106	Sq.mt		
8.	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	2000	sqm		
9.	Applying one coat of cement primer of approved brand and manufacture on wall surface	5500	Sq.mt		
10.	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	5500	Sq.mt		
11.	Finishing walls with textured exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	350	sqm		
12.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : one or more coats on old work	170	Sq.mt		
13.	Painting (one or more coats) on rain water, soil, waste and vent pipes and fittings with black anticorrosive bitumastic paint of approved brand and manufacture on old work : 100 mm diameter pipes	105	metre		

14.	Providing and fixing of tissue paper dispenser of approved quality. Note:- Approved brand shall be Euronics.	10	Each		
15.	P & F of 4 mm thick glasspane in existing M.S window shutters as per direction of Engineer In Charge.	15	Sq.mt		
16.	Dismantling Tile Flooring laid in cement mortar including stacking within 50 mt. lead	44	sqm		
17.	Dismantling old wall ceramic tiles including disposal of rubbish to the dumping ground within 50 meters lead.	125	sqm		
18.	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and buying-back the same (quoted amount shall be reduced)Of area 3 sq. meters and below	21	Each		
19.	Dismantling of flushing cistern of any size including stacking of usefulmaterials near the site and disposal of unserviceable materials within50 meters lead.	13	each		
20.	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meters lead.	125	sqm		
21.	Dismantling concealed G.I. pipes including excavation, taking out the pipes, manually/ by mechanical means including buying back the same : 15 mm to 40 mm nominal bore	55	meter		
22.	Dismantling concealed C.I. pipes including excavation, taking out the pipes, manually/ by mechanical means breaking lead caulked joints and buying back the same. Up to 150 mm diameter	10	meter		

23.	<p>Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.</p> <p>Preferable brands: NITCO, KAJARIA, ORIENT, SOMANI</p> <p>Note:- Basic rate of tile to be fixed will be upto Rs.700/- per Sq.mt.</p>	125	Sqm		
24.	<p>Providing and laying antiskid/rustic floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS :15622 of approved make in all colours, shades, laid on 20mm thick bed of Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.</p> <p>Preferable brands: NITCO, KAJARIA, NAVIN, ORIENT, SOMANI</p> <p>Note:- Basic rate of tile to be fixed will be upto Rs..700/- per Sq.mt.</p>	44	sqm		
25.	<p>Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required . Due to conversion of the system, the floor is to be raised to suitable height (approx 8"-10") facilitating proper installation. The nitch shall be filled with khanger and flooring shall be minimum 50 mm in proper slope. White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot</p>	02	each		

	rests. Preferable brands: PERRY, CERA, Hindware				
26.	Providing and fixing white vitreous china water closet (European type W.C. pan) with seat and lid, 10 litre low level vitreous china double syphon flushing cistern with manually controlled device (pushbutton lever), with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : W.C. pan with cistern of Preferable brands: PERRY, CERA, Hindware Note:- Basic rate of EWC with cistern to be fixed will be upto Rs.11,000/-	9	Each		
27.	P & F LED light fitting of 24 wats Down liter	18	Each		
28.	Providing and fixing viterious china wash basin with pedestal ,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : whiteVitreous China Wash basin size 630x450 mm Note:- Basic rate of washbasin with pedestal to be fixed will be upto Rs.3500/-	9	each		
29.	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.. Internal work 20 mm nominal outer dia pipes. 25 mm nominal outer dia pipes.	55 20	meter meter		

30.	Connection of new pipe line with old pipe line with union 15/20 mm Union	10	Each		
31.	Providing and fixing C.P. brass long body bib cock of approved quality. 15 mm nominal bore Note:- Approved brand shall be Jaquar only	9	Each		
32.	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make. 15 mm nominal bore. Note:- Approved brand shall be Jaquar only	3	Each		
33.	Providing and fixing C.P. brass angle valve of approved quality. 15mm nominal bore Single way Twin way Aisle valve Note:- Approved brand shall be Jaquar only	16 9	Each Each		
34.	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with frame of approved make with impervious material backing : Mirror of size 450x600mm as per approved sample. Full height Mirror of size 450x1800 mm as per approved sample.	9 2	Each Each		
35.	Providing and fixing C.P Brass Bottle Trap Heavy duty for wash basin. Note:- Approved brand shall be Jaquar only	5	Each		
36.	Providing and fixing stainless steel liquid soap container Note:- Approved brand shall be Euronics only	9	each		
37.	Providing and fixing CP Brass towel ring. Note:- Approved brand shall be Hi life, Jaquar.	9	each		

38.	Providing and fixing C.P. brass Pillar cock of approved quality. 15 mm nominal bore Note:- Approved brand shall be Jaquar only	9	each		
39.	Providing and fixing of CP cockroach jali with double layer. Note:- Approved brand shall be chilli only	23	Each		
40.	Providing and fixing of Z spray with 1.5 mtr long pipe. Note:- Approved brand shall be hindware, jaquar only	10	Each		
41.	Providing & fixing white vitreous china without cartage water less urinal of rectangular size 600 x330 x 315 mm having antibacterial /germs free ceramic surface. Note:- Approved brand shall be hindware, Vitra only	9	Each		
42.	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished on both side) machine cut for urinal separator in toilets i/c cutting the chase and fixing / grouting the granite in vertical position. locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab over 0.50 sqm.	2.5	Sqmt		
43.	Extra for providing edge moulding to 18mmthick granite stone separator i/c machine polish to edge to give high gloss finish etc complete as per direction of Engineer in charge.	8	Meter		
44.	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	60	meter		

45.	<p>Providing and fixing KOPAL, Novatech., JINHAI quality make hand drier, no touch operating 20R Hygenic level, Fully Hygienic level, rated for continuous repeat use, time required to dry hand pair upto wrist, Half a minute for 230 volts, 1 Phase 50 HZ 15 amp AC supply with summer/ winter control. In rugged multiple staved grounded steel enclosure with one bracket for firm wall fixture, one meter sheathed 3 core flexible cable, 1- three pin 15 amp plug top.</p>	9	Each		
46.	<p>P & F in position suspended false-ceiling system using 595mmx595mm Calcium Silicate Ceiling Tiles having 15mm Densified Edges and 100% Humidity Resistance, Incombustible as per BS 476 Part IV with thermal conductivity of 0.043 w/m KC and NRC 0.50, and approved surface design (SPINTONE) and edge profile (Tegular) placed in a suspended grid of size 600mmx500mm made from hot dipped GI Steel sections having an exposed surface capping of pre-finished baked polyester painted coil wherein the main tee of size 24mmx28mmx0.33mmx1200mm shall be inserted in to slots between the main tees at 600mm c/c and thereafter in direction vertical so as to form a grid of size 600mmx600mm resting on the periphery walls on wall angles of size 22mmx22mmx 3000mmx0.40mm thickness including providing necessary opening for light fixtures, diffusers, etc are to be made as per lay out and as per directions of engineer incharge. The main tees are to be suspended from the ceiling/ soffit with the help of metal dash fasteners of 6mmx50mm, soffit cleats of 25mmx35mmx1.6mm and 4 mm dia GI wire with galvanized spring steel leveling clips. The entire grid system shall be designed to bear a distributed load of minimum 15kg/ sq.m. Approved brands: Armstrong or equivalent</p>	44	sqm		

47.	Wiring for light/ fan/ exhaust fan/ call bell/ point with 1.5 sq mm PVC insulated copper conductor cable in surface/ recessed PVC conduit as required. Short point Medium point	12 28	each each		
48.	Supply and installation of Modular switches including box plate type with 3switch and 1 socket outlet as approved by the Engineer In charge. Approved brands: Narosis, Havells, Anchor roma.	12	each		
49.	Supply and installation of Modular switches including box plate type with 2switch and 2 socket outlet as approved by the Engineer In charge. Approved brands: Narosis, Havells, Anchor roma.	20	each		
	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steelconduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	120	meter		
50.	SITC of exhaust fan upto 300mm sweep in the existing opening including providing M.S. support as per site requirement. Approved brands: Crompton, Bajaj, Havells	10	each		
51.	P & F 19/20 mm PVC conduit pipe of ISI mark of approved brand as per direction of Engineer of Charge.	150	Mtr		
52.	P & F 25 mm PVC conduit pipe of ISI mark of approved brand as per direction of Engineer of Charge.	150	Mtr		
53.	Making chases up to 5.0 x5.0 cm in walls / floors including making good and finishing with matching surface after housing G.I. pipe etc	300	Mtr		
54.	Providing & fixing PVC pipe 110 mm for drainage/stacking purposes in the shaft in loot. Approved brands: Prakash, Tirupati,	35	Per mtr.		

	Kisan				
55.	P&F P-trap 110 mm	9	each		
56.	P&F of PVC items 110 mm for connecting the IWC and drainage 1. Floor trap 2. Door-tee 3. Bend	15 10 10	each each each		
57.	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) : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	320	Kg.		
58.	Providing and fixing 12 mm thick pre laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides	20	Sqm		

59.	Providing and fixing 12mm PVC decorative profile sheet in aluminium door and windows as per directions of engineer-in-charge.	15	Sqm		
60..	Providing and fixing glazing in aluminium 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): With float glass panes of 5.50 mm thickness	7.20	Sqm		
61.	Providing and fixing aluminium sliding door bolts, ISI marked anodised (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 : 250x16 mm	22	Each		
62.	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150x10 mm	22	Each		
63.	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 100 mm	18	Each		
64.	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	11	Each		
65.	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml				

	consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge. Note:- Approved brand shall be Jaquar only	5	Each		
66.	Disposal of malba from worksite to dumping site within 5 k.m lead.	40	Cu mt		
67.	Removal and re fixing of 50-70 mm thick interlocking tiles after preparing of bed and levelling of floors with Cement Concrete 1:5:10 of required thickness not less then 5 cm and not more than 8 c.ms, as per site requirements, re laying the tiles and grouting the gaps with fine aggregate and as per direction of Engineer In Charge. Note:- Cement Concrete will be paid separately.	480	Sq.mtr		
68	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	40	Cum		
69.	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	85	Sq.mtr.		
70.	Providing and laying 50 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design/shape laid in required colour and pattern over and i/c 50mm thick compacted bed of coarse sand, filling the joints with coarse sand etc. all complete as	50	Sq.mtr.		

	per the direction of Engineer-in-charge				
71.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size)	5	cum		
72.	Dismantling of old M.S cover of over head tank up to size of Sqmt and stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	6	Each		
73.	Rising of man holes and rain water grating upto the raised level of surrounding interlocking tile flooring.	6	Each		
74.	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	110	K.g		

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 90 days from 7th day of award of work.
4. All the materials shall be got approved from the Engineer In charge before installation.
5. The sanitary ware & bathroom fittings should be of as per make mention in items.
6. No T & P shall be provided by the Board.
7. Scaffolding shall be arranged by the Contractor.
8. The work shall be executed under the strict supervision of the Board's J.E.
9. The measurements shall be recorded jointly.
10. The affidavit certifying five years guarantee against leakage shall be given on Rs.10/- non-judicial stamp paper duly attested by the Notary Public. Agreement shall be executed by agency at its own cost.
11. Potable water shall only be used, in no case ground water shall be used.
12. In case of delay, a penalty @ 1% per week shall be levied subject to a max of 5%.
13. 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.
14. 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.
15. 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.
16. 10% amount shall be retained as security for a period of 6 months as defect liability. In case no defect is observed the same shall be released.
17. 25% deviation in quantities would be permitted.
18. Instructions given in site order book would be followed immediately.
19. Extra item if any would be paid on market analyzed rates but the work must be executed with prior approval of Engineer In charge.
20. In case of any dispute, the arbitrator shall be appointed by the Chairman and his decision shall be binding.

21. Only one running payment would be considered after 40% completion of work and subsequent thereafter final bill would be paid within 30 days after submission of bill by Contractor.

Accepted by me

Signature

Prop. /Manager

Tel. No.

Mob. No.