

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

**NOTICE INVITING TENDER**

CBSE invites sealed Item rate tender from eligible contractors who are registered with CPWD, MES, NDMC, DDA, and other Govt. Dept., PSU, autonomous Bodies for the under mentioned work. The Contractor should have executed minimum two works costing Rs. 9.00 Lacs each or three works costing Rs. 6.00 Lacs each during last three years.

Name of the Work	Repairs to Fire Protection System in CBSE Head Qtr. Building Preet Vihar.
Estimated Cost	1594800(Rupees Fifteen Lakh Ninety Four thousand Eight hundred Only)
Period of Completion	60 Days
Earnest Money Deposit (EMD)	Rs. 39500/- (Rs. Thirty Nine Thousand Five Hundred only) payable in F/O Secretary CBSE Delhi.
Non-refundable cost of Tender document	Rs. 500.00 (Rs. Five Hundred only) in of DD/PO in favour of Secretary, CBSE payable at Delhi.
Last date & time of submission of tender	Up to 12.01.2015 by 3:00 PM
Date & Time of Opening of technical Tender	12.01.2015 at 03:30 PM
Validity of offer	60 days from the date of opening of price tender.

\*The Estimated cost is based on market rates.

Tenders duly completed shall be received in the tender-box placed at Reception Counter, CBSE, HQ, "Shiksha Kendra", 2, Community Centre, Preet Vihar, Delhi -110092, up to 3.00 PM on dt. 12.01.2015.

The detailed tender documents can also be seen and/or downloaded from the web site <http://www.cbse.nic.in>.

**Joint Secretary (A & L)**

**Name of work: Repairs to Fire Protection System in CBSE Head Qtr.  
Building Preet Vihar.**

S. No.	Description	Unit	Qty.	Rate	Amount
1	Dismantling of old defective non functional Fire Hydrant main Fire Control Panel with main incomer, bush bar, jockey panel 20H.P, 2 Nos. 100H.P starter etc complete.	Nos.	1		
2	<p>Providing and fixing dust &amp; vermin proof cubicle type, IP-52 rating, motor control centre fabricated from powder coated standard (Asian) 14 SWG, CRCA sheet. All equipments should be of L&amp;T &amp; Schneider make, including the cost of multistrand copper wire 6mm or as req. For earthing, connecting &amp; comprising of size: (2070x1200x400)</p> <p>Incomer:            One incoming main isolation TPN MCCB of 630A 25KA Thermal Magnetic base Release            One fully taped Al.bus bar of 600A capacity in separate bus bar chamber.            One square panel type Voltmeter reading 0-500 V with rotary selector switch for reading voltage between phases.            One panel type Ampere meter (0-600/5A) with selector switch and CT            3 phase indication lights</p> <p>Outgoings            2 no. Star-Delta starter, 1 no. DOL Starter of suitable capacity.            3 No. single phase prevents of suitable rating one for each motor            2 Nos.MNX 110 A TP Contractor . 1-nos. 30-50 amp over load relay, 100A TPN MCCB 10 KA thermal Megnetic base Release for Jockey pump (20 H.P)            2 nos. rotary type auto/manual off selector switch            Colour coded internal wiring from main to bus bar, switchgear, starters, indicating lamps complete in all respect.</p>	Set	1		
3	Supply, installation, connecting, testing and commissioning of expandable up to 20 fully monitored Zone microcontroller based fire Alarm control panel, work on RS-485 communication protocol protection against short circuit & over load condition. 356-event history with time & date. On site programming of Zone. 40x2 characters LCD Display. Battery back up (2x12,7 ah) with in built battery charger.	set	1		

4	Dismantling of old defective non functional Main Fire Alarm Control Panel including dismantling of wiring connection and making proper marking on each floor wiring.	set	1		
5	Over Hauling of Diesel Engine 60 BHP-R1040, By opening top piston, Cleaning of nozzle, replacement of oil & air filter, Repairing of fuel pump, Cleaning of all piston & chamber. Complete in all respect.	Set.	1		
6	Repairing & Reconditioning of DSM pump attached with engine, Replacement of foiling part. a) 2 nos. Bearing, ss shaft, 2 nos mechanical seal, and ss shaft complete in all respect.	Set.	1		
7	Supply & Erection of M.S pipe 100 dia for extension of D.G cylincer.	Mtr.	6		
8	Supply Fixing of pressure Gauge 0-10 Kg/cm <sup>2</sup>	Nos.	6		
9	Supply fixing of 25 mm dia air release valve	Nos.	3		
10	Supply fixing of pressure switches 0-10 kg/cm <sup>2</sup> (Danfoss) with cock.	Nos.	3		
11	Supply fixing of 150 mm dia. Butter fly valve with Flage, Gasket, Nut Bolt, Welding, Cutting etc.	Nos.	5		
12	Supply & installation of following sizes of C (Heavy) Pipes conforming to IS 3589 & IS:1239 part I & II along with all accessories like all fittings (standard MS fitting with welded joint shall be used on the pipes) tees, elbows, reduce, unioun, flages, rebber gaskets, GI nuts bolts, washers. MS 'C' heavy Class Pipe  a. 150mm dia b. 150mm dia c. 150mm dia d. 150mm dia e. 150mm dia	RM RM RM RM RM	350 60 18 12 18		
13	Supply & Installation of 63 mm dia instantaneous pattern SS metal branch short pipe, 20 mm di nozzle confirming to IS 903, suitable for inter connection to hose pipe coupling complete as required.	Nos.	8		
14	Supply & Installation Lockable cabinet of size not less than 0.75x0.6x0.25 mtr made out of Fiber sheet having central opening and 4 mm thick glazed glass doors suitably marked on the outside with th letters "FIRE HOSE" including necessary locking arrangement and shall be painted with one coat of primer and two coats of synthetic enamel paint of approved shade.	Nos.	4		
15	Supply & installation of rubber Reinforced Lined fire hose Type A (as per IS:636) of 63 mm dia and length as described below. The hose shall be				

	rated for burst pressure of 35.7 kg/sqcm. Hose shall be complete with SS metal male & female coupling bound & riveted to hose pipe with copper/SS rivets & 1.5 mm copper/SS wire. 15 m length	Nos.	12		
16	Dismantling & Re-erection of Hydrant Valve & 4-way on new Erected Line.	Nos.	6		
17	Providing and applying one coat of 4mm thick 'PYPKOTE' or COATEK anti rust pipe protection including approved primer as per manufactures specifications and lap of 25 mm to make an impermeable layer on MS pipes in trenches or on structural/masonry members complete members complete including surface preparation. a. 150 mm dia	Mtrs.	30		
18	Supplying , installing, testing and commissioning of following electric motor driven pumping sets for fire fighting purposes including, making piping and electrical connections and suitable for automatic operation. The pump set shall consist of/complete with: 1) Horizontally mounted single end suction type pump of cast iron body and having bronz impellers 2) Squirrel cage TEFC induction motor suitable for 415V 3 phase 50 Hz AC supply of Requires HP rating suitable for the specified duty of pump with synchronous speed of 2900RPM 3) Jockey Pump 180 LPM against 70m	1	No.		
19	Dismantling of old rusted non functional sprinklers pump & 50 H.P motors including suction & discharge piping, NRV & Sluie Valve	1	Lot.		
20	Dismantling of old rusted non functional Hydrant System suction & discharge piping, NRV & Sluie Valve etc and Re-installation as per proper Design of negative suction pumping arrangement making function 2-nos. Hydrant pump with 100H.P motors.	1	Lot.		
21	Excavation of soil/road for laying of pipe of size 150/100/80mm dia under Ground and Back filling the same.	20	R.M		

## Terms and Conditions

1. The work should be executed as per CPWD specification and as per best industrial practice.
2. The work should be completed in 45 days.
3. Electrical panels should be as per CPRI approved standards.
4. Quantities may vary upto 25% and additional items if required would be carried out after approval of the Engineer incharge.
5. 5% of total value of the bill would be retained as security against defect liability and released after six months.
6. Only final bill would be paid within 30 days of submission of bill after successful completion of the work.
7. The work should be carried out preferably on holidays so that working of office is not disrupted.
8. All the material would be got approved by Engineer in charge before installation.
9. In case of dispute, decision of chairman CBSE should be final and binding.
10. Agency would execute an agreement for execution of work.

(Signature of the Agency)  
With complete address and seal  
Add. \_\_\_\_\_  
\_\_\_\_\_  
Tel. No.: \_\_\_\_\_  
Mobile No.: \_\_\_\_\_