

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 Tender are invited for S.I.T.C. of 250 KVA Package Type 11/0.433 KV Sub-station of ABB/Sehneider/Siemens from reputed manufacturers /OEM/ agencies having at least 10 years experience. An EMD of Rs. 50,000/- & Cost of Tender Rs. 500/- 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 Reception, CBSE HQ Building Preet Vihar, Delhi – 92 on or before 6.07.2014 upto 2.00 P.M. Tender documents be down loaded through our Website: **[www. cbse.nic.in](http://www.cbse.nic.in)**. Incomplete, conditional & belated tenders shall be summarily rejected.

Jt. Secy (A&L)

INSTRUCTION TO TENDERERS

- 1.** The agency should write the rates in words & figures both.
- 2.** There should not be cutting/overwriting in cutting is unavoidable their it must be signed/initialled.
- 3.** The work is time bound, hence agencies having sufficient manpower & capacity should apply.
- 4.** No advance/ running payment must be annexed.
- 5.** Documents pertaining to regn. of the firm be annexed.
- 6.** Experience documents must be annexed.
- 7.** In case of any clarification, the firm shall be bound to supply the requisite information/documents within 3 days.
- 8.** T.D.S. shall be deducted as per the norms.

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Last date of submission : 6/7/2014
upto 2.00 P.M.

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

**NAME OF WORK: P&F OF PACKAGE TYPE 250 KVA, 11/0.433KV SUB-STATION FOR SHIKSHA SADAN
BUIDLING, 17 ROUSE AVENUE NEW DELHI - 110002**

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 Draft annexed as Earnest Money

.....
Amount:

(Signature of the tenderer)

Tel No. :

Mobile No.:

TERMS AND CONDITIONS

1. The Rates quoted shall be firm and no enhancement shall be allowed.
2. The Rate shall be inclusive of all taxes, VAT, octroi, toll, excise duty, cartage etc.
3. The work shall be guaranteed for a period of 12 months from the date of completion.
4. The sub-station equipments and other installation shall be conforming to the I.S. /BSES/NDPL norms.
5. The agency executing the work shall have to submit a test report in triplicate detailing requisite parameters/readings in respect of insulation, earth resistance, safety relays etc.
6. Work shall be carried out as per CPWD specifications as well as the directions of Engineers in Charge.
7. Work shall be completed within 30 days. In case of delay, penalty @ 1% per week subject to a maximum ceiling upto 5% would be imposed.
8. Payment will be made only after completion of work.
9. 5% of the value work done would be retained as defect liability for a period of six months.
10. The agency shall be required to provide all catalogues and manufacturers certificates, test reports etc. before commissioning.
11. The agency shall get the material approved by the Engineers-in-Charge before utilization.
12. The Agency shall be solely responsible for the safety of its manpower.

The terms & conditions are acceptable to me/us.

Accepted by me:

Seal of the Agency:

Address:

Phone No.:

S. No.	Material Description	Qty.	Unit Rate	Amount
1.	Supply of Unipack Compact Sub-Station with 250 KVA Dry Type Transformer 11/0.433 KV as per Attached Technical Specifications.	1 No.		
2.	EARTHING			
a	Earthing with copper earth plate 600 mmx600mmx3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/coke and salt as required.	4 Nos.		
b	Supply of laying 25mmx5mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & sprig washer spaced at 50mm)	30 Mts.		
c	Providing and fixing 25 mm x 5mm copper strip in 40 mm dia G.I. pipe from earth electrode including connections with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	20 Mts.		
d	Providing and laying 25 mm x 5mm copper strip on surface or in recess for connections etc. as required	20 Mts.		
	MISC. CIVIL ITEMS			
a	Excavation for foundation in soft soil including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 metres.	10cum.		
b	Providing and laying in position cement concrete 1:2:4 (1Cement: 2 coarse and : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	1cum.		
c	Providing and laying in position cement concrete 1:3:6 (1 cement:2coarse sand : 6 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	6 cum.		
d	Providing brick work (in width 225 mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels.	2 cum.		
e	Providing cement plaster of mix 1:4 (1 cement:4 fine sand) at all levels.	60 sq. mts.		
f	Providing, laying and fixing following dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar 1:2 (1 cement :2 fine sand) including trenching (75mm deep) and refilling etc as required. 1. 250 mm dia	10mts.		
g	Supply and laying 300 sq mm 1 No of XLPE / PVC insulated and PVC sheathed Al. conductor armoured power cable of 1.1 KV grade of size 3-1/2 x 300 sq. mm in the existing masonry open duct Including and termination etc. complete.	Rate only		
	Total Amount :			

Signature of Manager/ Prop.

Address:

Phone/ Mob Nos.:

A	HT Switchgear	
	Indoor 11kV, 630A , 21 kA/3 Sec Non-Extensible Ring Main Unit Compact switchgear consisting of Two Nos. fixed manual 630A Load Break Switch and One No. 200A fixed Manual Vacuum circuit Breaker in SF6 insulated stainless steel enclosure with series trip, self powered microprocessor based ABB/SEG/Schneider/Siemens make numerical over current and earth fault relay (IDMTL + Inst.), LV class protection Ring Core CT and arrangement for connecting incoming cable & outgoing to primary of transformer through 1Cx3x50 sq.mm al. unarmoured XLPE Cable.	1 No.
B	Transformer	
	250/315 KVA, 11KV/433V, DYn11,Dry type transformer of ABB/Schneider/Siemens/Crompton make (as per manufactures design) & Top Bushings for HT & LT with off circuit tap changing switch of rating +5to -5% @ 2.5% and complying the IS specifications.	1 No.
C	LT PANEL	
	433 LT Indoor panel with Aluminium Busbars, Fabrication using 1.5/2MM CRCA sheet steel, ingress protection IP4X, complete with internal wiring consisting of following.	
	400 A, 433V, 4P,50Hz, Moulded Case Circuit Breaker as incomer	1 No.
	250 A, 433V, 4P 50Hz, Moulded Case Circuit Breaker as incomer	2 Nos.
D	Outdoor enclosure	
	Outdoor type enclosure having modular construction of Galvanised Sheet Steel. The Enclosure shall have IP54 degree of protection for HT & LT switchgear compartment & IP23 degree of protection for transformer compartment. The enclosure exterior shall be painted with polyurathene paint (colour Light Gray & D.A. Gray) Each compartment will be provided with the door and pad locking arrangement. The Compartment illumination lamp with door operated switch shall be provided for each compartment.	1 Set
E	Interconnection & Earthing	
	Interconnection Between HT switchgear & Transformer using 1Cx3x50sq. mm XLPE Single core cable & Interconnection between Transformer & LT switchgear using Busbars. Internal earthing connections by GI strips.	1Set
F	Cables shall be of reputed make namely Grandley, Kalinga,Deltron,Pymen, Gloster, Duly ISI marked. Lugs and thimbles shall also be ISI marked.	
G	RCC pipe shall also be ISI marked.	