

CENTRAL BOARD OF SECONDARY EDUCATION

SHIKSHA KENDRA, 2, COMMUNITY CENTRE

PREET VIHAR, DELHI-110092

TENDER NOTICE

Sealed tenders are invited from reputed agencies registered with CPWD / NDMC / MES / DDA/Govt./Semi govt. organizations having executed minimum two similar works each costing Rs.4.0 lakh or more during the last five years.

1. Name of work : Providing and fixing of porta cabins in Shiksha Sadan Building.
2. EMD : Rs.30000/- payable in f/o Secretary, CBSE through DD/BD
3. Cost of Tender : Rs 500/- (Non-refundable)
4. Sale of Tender : up to 25.04.2012 through Syndicate Bank, CBSE, Preet Vihar Delhi-92 on all working days between 10 a.m. to 1.00 p.m.

5. Last date for sub- : 25.04.2012 upto 2.00 p.m.
mission of Tenders

6. Opening of Tender : 25.04.2012 at 03:00 p.m.

Tenders can also be [down-loaded](http://www.cbse.nic.in) through the CBSE website: www.cbse.nic.in . In case of down- loading the tenderer shall have to enclose a DD / BD alongwith the tender documents for Rs 500/- as cost of tender. The tender is to be submitted on the prescribed format & placed in an envelope duly sealed, superscribed "Tender for porta cabin work ". The EMD & experience documents must be attached with the tender. The tenders duly filled in should be dropped in the tender box placed near Reception Counter at Ground Floor, HQ Bldg. Preet Vihar, Delhi-92 on or before 25.04.2012 upto 02:00 pm. Tenders shall be opened on the same day at 03:00 pm . Incomplete & conditional tenders shall be summarily rejected. The Secretary, CBSE reserves the right to reject any or all the tenders without assigning any reason thereof.

Sr.Engr. (Estate)

केन्द्रीय माध्यमिक शिक्षा बोर्ड

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)
शिक्षा केन्द्र” २, समुदाय केन्द्र, प्रीत विहार, दिल्ली-११०३०१

निविदा सूचना

प्रतिष्ठित एजेंसियां जो के.लो.नि.वि./न.दि.न.प./से.अ.से./दि.वि.प्रा./सरकारी/ अर्धसरकारी संस्थाओं में पंजीकृत हों तथा पिछले पांच वर्षों में इसी प्रकार के दो कार्य जिनका प्रतिकार्य मूल्य रू० ४.० लाख या अधिक के निष्पादित किए हो से मुहरबंद निविदाएं आमंत्रित की जाती हैं ।

१. कार्य का नाम : शिक्षा सदन में पोर्टा केबिंस की आपूर्ति व संस्थापना
२. धरोहर राशि : रू०३०,०००/- सचिव, के.मा.शि.बो. के पक्ष में [डिमाण्ड/बैंक ड्राफ्ट](#) से देय
३. निविदा मूल्य : रू० ५००/- (अहस्तांतरणीय)
४. निविदा बिक्री : दि: २५.४.२०१२ तक, सिंडीकेट बैंक, के.मा.शि.बो. प्रीत विहार, दिल्ली से सभी कार्य दिवसों में प्रातः १०.०० बजे से अपराह्न १.०० बजे तक
५. निविदा जमा करने की अन्तिम तिथि : दि: २५.४.२०१२, २.०० बजे अपराह्न तक
६. निविदा खोलने की तिथि व समय : दि: २५.४.२०१२, ३.०० बजे

निविदा बोर्ड वेबसाईट www.cbse.nic.in से भी डाउनलोड की जा सकती है तथा ऐसी स्थिति में निविदाकार को निविदा मूल्य रू०५००/- डि./बैंक ड्राफ्ट द्वारा देय होगा, जो निविदा प्रपत्र के साथ संलग्न करना अनिवार्य है । पूर्ण रूप से भरे निविदा प्रपत्र सभी संलग्नकों, धरोहर राशि, अनुभव प्रमाण पत्रों के साथ मुहरबंद लिफाफे में जिसपर “पोर्टा केबिंस कार्य ” अंकित हो २५.४.२०१२ समय २.०० बजे अपराह्न से पूर्व निविदा पेटी जो बोर्ड मुख्यालय के स्वागत कक्ष में रखी है, डाल दी जाये । निविदाएं उसी दिन ३.०० बजे खोली जायेंगी । अधूरे व सशर्त निविदाएं तत्काल निरस्त कर दी जायेगी । सचिव, के.मा.शि.बो. सभी अथवा किसी भी निविदा को बिना कारण बताएं निरस्त करने हेतु अधिकृत हैं ।

वरिष्ठ अभियन्ता (सम्पदा)

SCHEDULE OF WORK

S.NO	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT
1.	Providing and Installing Porta Cabin as per attach drawing Annexure –I, approved sample, technical specification and drawings etc all complete as per the direction of the Engineer-in-charge at 3 rd floor terrace of Shiksha sadan Bldg. Size of Porta cabine 5mtr x 5mtr	25	Smt		
2.	Providing and Installing Porta Cabin as per attach drawing Annexure –II, approved sample, technical specification and drawings etc all complete as per the direction of the Engineer-in-charge at 2nd floor terrace of Shiksha sadan Bldg.	45	Smt		

TERMS & CONDITIONS

1. The work is to be completed within a period of 30 days after 7th day of the work order.
2. Time is the essence of the contract, hence a penalty @ 1% per week shall be levied in case of delay.
3. An EMD of Rs. 30000/- payable in f/o the Secretary, CBSE through DD/BD must be attached.
4. The work shall not be discontinued at any cost.
5. All the dismantled material / waste material shall be removed by the agency.
6. The agency shall get the samples of the material approved in advance before utilization.
7. The workmanship must be excellent. In case of poor workmanship, the Board shall be free to cancel the contract & get the same executed at the risk & cost of the defaulting agency.
8. Needful touch-ups shall be undertaken wherever required so that potholes are filled up.
9. Any damage to the building shall be made good by the agency.

Accepted by me:

Signature

Prop./ Manager

GENERAL DESIGN AND CONSTRUCTION FOR ANNEXURE I AND II :

1) SHELL:

The shell structure shall comprise of sidewalls, end walls and self draining roof.

2) SIDE & END WALLS:

The sidewalls shall be made of wall posts, corrugated panels and top cant rails. The cladding panels shall be made of min. 1.6 mm thick steel sheet conforming to IS: 1079 Gr. O and be vertically corrugated by means of press forming, continuously welded to top side and base structure. The wall post shall be cold formed Z-section made out of min. 3.15 mm thick mild steel sheets conforming to IS: 1079 Grade O. The top cant rails shall be made of formed (C) section of size of 200x50x3.15(min.) mm thick, materials conforming to IS: 1079 Grade O/ IS: 2062 Grade A.

ROOF:

Self draining roof shall be made of 1.6 mm thick steel sheets conforming to IS: 1079 Grade O, adequately stiffened by roof bows of pressed channel sections of thickness 2.5/3.15 mm with same material specification. The roof shall be having a positive camber allowing water to drain away under static conditions..

3) SURFACE TREATMENT AND PAINTING:

The surface preparation of all fabricated steel components shall be done by manual grit blasting to achieve SA-2 quality finish, followed by one coat of zinc based primer and two coats of epoxy paint by air spray method matching the existing stone facade. The under frame and skid shall be painted with bituminous / red lead paint of reputed make.

4) INSULATION:

Average 75 mm thick thermal insulation with resin bonded fiber glass wool having density of 16 kg/m³ and conforming to IS: 8183 shall be provided on the side walls, end walls and roof, with proper fixing arrangement.

5) INNER PANELLING:

The paneling of side walls and end walls shall be of min. 1 mm thick resin bonded plastic decorative laminate sheets fixed on min. 8 mm thick commercial quality plywood. The roof panels shall be min. 4 mm thick commercial quality plywood of same specification covered with min. 1 mm thick resin bonded plastic decorative laminate of same quality and design as in the case of inner panels. All wall and roof panels shall be supported by suitable M.S. Frame work.

6) DOORS:

One steel door at the main entry of the porta cabin shall be provided in the desired location. The overall dimension of the main entry door shall be 2100x 1000 mm (H x W).

The steel doors shall comprise of a framework of min. 3.15 mm thickness(material conforming to IS: 1079 Grade O / IS: 2062 Grade A), on which outside cladding of 2mm thick steel sheets (conforming to IS 1079 Grade O)with two vertical corrugations are fixed.

The door shall have 40 mm thick resin bonded fiber glass wool insulation.

The peripheral edges of the door shall be provided with rubber seal to prevent ingress of water and dust. The door panel shall be outward opening type with single leaf closing panel. The door shall be provided with manually operating type locking arrangements from both internal and external side. The door shall be provided with steel rain-shed made from 2 mm thick sheet (IS:1079 Gr. O) from outside.

7) WINDOWS:

The windows shall be provided in the desired location. The windows shall be horizontal sliding type having overall dimensions 900 x 600 mm (H x W). The windows shall be decorated by anodized aluminum extruded section fitted with sliding shutter-proof safety glass sheets of clear vision and min. 4 mm thickness. Iron grills made of 20 mm M.S. flats shall also be provided in the windows for safety purpose. Stainless Steel fly-proof mesh in suitable framework shall also be provided in the windows. The windows shall be provided with steel rain-shed made from min. 2 mm thick sheet(IS:1079 Gr.O) from outside.

8) ELECTRICALS:

PVC insulated copper wire of Finolex make shall be used for the wiring. This wiring shall be done in PVC conduits. As a measure of safety, continuous copper earth wire shall be provided as necessary. For lighting circuits, 2.5 sq. mm cables shall be laid and for heavy-duty circuits, such as air conditioners, heating circuits, 4.0 sq.mm cables shall be used. D.P switches with 25/32 amps. capacity MCB's shall be provided for air conditioners. For connecting power supply to bunk houses, a main DB with four (4) ways, with 63 amps. Isolator and suitable rating MCB's shall be provided.

Cabin- (i)

4 Nos. concealed type (2x36) CFL type Philips make roof hanging light fittings shall be provided as per the layout arrangements. In addition, four nos. each of 15 Amps and 5 Amps 3 pin sockets shall be provided at suitable locations inside the bunk house.

All the lamps, fans, exhaust fans, plug points etc. shall have independent slash/piano type switches of required rating inside the bunkhouse. 2 Nos. ceiling fans shall be of Crompton.

All electrical points & switches shall be of Anchor.

Necessary circuit breakers i.e. MCB & ELCB of Anchor/Havell's/L&T/Legrand shall be provided. Supply to refrigerator and heating unit shall be through metal clad MCB of adequate rating.

Junction Box shall be provided out side on the bunk house for telephone connections with suitable connecting points inside the bunk house.

Cabin-(ii)

5 Nos. concealed type (2x36) CFL type Philips make roof hanging light fittings shall be provided as per the layout arrangements. In addition, four nos. each of 15 Amps and 5 Amps 3 pin sockets shall be provided at suitable locations inside the bunk house.

All the lamps, fans, exhaust fans, plug points etc. shall have independent slash/piano type switches of required rating inside the bunkhouse. 3 Nos. ceiling fans shall be of Crompton.

All electrical points & switches shall be of Anchor.

Necessary circuit breakers i.e. MCB & ELCB of Anchor/Havell's/L&T/Legrand shall be provided. Supply to refrigerator and heating unit shall be through metal clad MCB of adequate rating.

Junction Box shall be provided out side on the bunk house for telephone connections with suitable connecting points inside the bunk house.

9) HANDLING AND TRANSPORTATION:

Necessary arrangement shall be provided for safe and easy lifting and transportation of the porta cabin material.

10) TARFELTING:

The roof surface is to be painted with one coat of “Bitumen Primer” before laying Hessian based finished tar felt as per IS:1322, Type-3, Gr.-1 in two layers as basic waterproofing material. Blown Grade Bitumen 85/25 as per IS: 702 in three layers 1.5 Kg/M2 are to be used as the bonding materials. Fine sand is to be finally sprinkled over the last layer of bitumen.

SPECIAL CONDITIONS OF CONTRACT (SCC)

1. The following special conditions shall be read in conjunction with General conditions of contract. If there are any provisions in these Special Conditions, which are at variance with the provisions of General Conditions of Contract, the provisions in these special conditions shall take precedence.
2. The work in General shall be carried out as per CPWD specifications, 2009 Vol. I & Vol. II, New Delhi (updated with correction slips issued upto last date of submission of tender) and CPWD specifications 2005, New Delhi for internal electrical works and 1994 for external electrical works updated with correction slips issued upto last date of submission of tender unless otherwise specified in the nomenclature of the individual item or in the particular specifications of concerned items of works.
3. For items not covered under CPWD specifications, 2009 Vol. I & II (Civil works) and CPWD Specification 2005, New Delhi for (internal electrical works) and 1994 (for external electrical works) updated with correction slips issued upto last date of submission of tender and in particular specification or nomenclature of the individual item as above, the work shall be done as per latest relevant BIS Codes of Practice.
4. All works shall be executed as per the approved drawings/ designs. The patterns shown in the tender drawings can be modified as per the site requirements by the Engineer-in-charge and nothing extra

whatsoever shall be payable over and above the quoted rates.

5. The tenderer shall visit the site and shall satisfy himself as to conditions under which the work is to be performed. He shall also check and ascertain the locations of any existing structures or equipment or any other situation, which may affect the work. No extra claim for ignorance or on the ground of insufficient description will be allowed at a later date.

6. The final bill will be submitted by the Contractor within 90 days from the date of completion and acceptance of work accompanied by the following documents:

a. Completion certificate issued by the Engineer-in-Charge specifying the handing over of the work including list of inventories (fittings & fixtures).

b. Computerized final bill.

c. No claim certificate by the Contractor.

d. No claim certificate from the Sub-agencies/ Vendors engaged by the Contractor.

e. As built drawings.

f. Drawings for layout of underground cables & details showing location of sluice valves etc.

g. Manufacture's guarantee of various machines/ equipments installed as part of works & any other relevant documents as required by the Engineer-in-Charge.

h. Contractor should furnish NOC from the Labour Department.

i. Contractor should furnish Sales Tax Clearance Certificate issued by Sales Tax Department.

8. SERVICE TAX

The quoted rates shall be inclusive of all taxes including the Services Tax. The Contractor shall indicate in the R. A. Bills / Final bill the amount of Service Tax separately while raising the bills to CBSE. The

contractor shall ensure compliance with Service Tax law & procedure and to produce proof of service tax registration & payment of service tax.

Accepted by me:

Signature

Prop./ Manager