

GUJARAT COUNCIL OF SCIENCE CITY
(A Government of Gujarat Society)

WORK OF DISPLAY BOARDS FOR SCIENCE CITY, AHMEDABAD.



TECHNICAL BID

Gujarat Council of Science City

Village Hebatpur, Sola Santej Road,
Nr. Science City Cross Road, Off Sarkhej Gandhinagar Highway,
Ahmedabad -380060
Phone: 91-79-55222127. 28 Email: mail@scity.org Website: - www.scity.org

Tender Notice

GCSC/Project/2009/
Date: 27/11/2009

To,

Sub: Work of display boards for Science city, Ahmedabad.

Dear Sir,

Sealed quotations are invited for the work as described in the enclosed BOQ. The blank tender shall be purchased at Rs. 500/- (By cash or DD in favour of Science city) from GCSC office. Downloaded tenders shall submit tender fees through DD.

The last date of submission of tenders, duly filled in (Sealed cover along with EMD of Rs. 5000/- by Demand Draft (in favour of Executive Director, Gujarat Council of Science City payable at Ahmedabad) is up to 6:00 p.m on 5.12.2009. The rates shall be filled in both in words and figures. No tender will be received after aforesaid date and time, under any circumstances whatsoever.

The sealed bids shall be super scribed "Work of display boards for Science city,"

Agencies having adequate experience in the work of similar type will only be considered

Terms & Conditions:-

- 1) The rates quoted shall include all taxes, levies, transportation and delivery at site.
- 2) The agency at his own cost shall replace any rejected material.
- 3) The rates quoted shall be valid for at least 60 days from the last date for the submission of tender.
- 4) Order may not be placed for all items.
- 5) Order for part quantity shall be acceptable.
- 6) The complete work shall be done as directed by engineer in charge to the satisfaction of site requirement.
- 7) The water and electricity if required for the current work shall be provided by GCSC at free of cost at one location only. Contractor shall make his own arrangement to carry the same at required site location, under strict supervision and prior permission of GCSC.

- 8) Total security deposit including EMD shall be Rs. 15,000/-. It will be deducted from the payable amount of the bill and retained for the period up to 6 months after virtual completion of the work. This period shall be considered as defect liability period. Agency shall carry out defect found in the work during this period at his own cost.
- 9) The work shall be completed within 25 days period after placing the order/ LOI.
- 10) Delay in completion of work (unless time extension is permitted by Executive Director, GCSC with due certification) shall result in to application of penalty equal to EMD amount paid by the contractor.
- 11) Offers shall be sent in the enclosed prescribed form of GCSC, only.
- 12) Only the agencies that have executed this type of work and examined the site shall fill in the bids.
- 13) EMD of unsuccessful bidders shall be refunded without interest after approval of the tender of the work.
- 14) Tenders shall be opened on 5/12/2009 at 6:30 pm in the office of GCSC.

Thanking You,

Yours faithfully,

Executive Director,
Gujarat Council of Science City.
Ahmedabad.

(To be submitted by Tenderer)

TENDER FORM

Date:

To,

The Executive Director,
Gujarat Council of Science City,
Via Sola Under bridge,
Sola Santej Road,
Off Sarkhej Gandhinagar Highway,
Ahmedabad

Sub: Work of display boards for Science city, Ahmedabad.

Dear Sir,

Having examined the drawings, specifications designs and schedule of quantities relating to the work specified in the memorandum hereinafter set out and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender. I/We hereby offer to execute the works specified in the said memorandum at the rates mentioned in the attached Schedule of Quantities and in accordance in all respects with the specifications, design, drawings and instructions in writing referred to in conditions of tender, the Articles of Agreement, Special Conditions, Schedule of Quantities and Conditions of Contract and with such materials as are provided for by, and in all other respects in accordance with such conditions so far as they may be applicable.

Thanking You

Yours faithfully

For,

(Director/Partner/Authorized Signatory)

Name of Work: - Work of display boards for Science city, Ahmedabad.

DETAIL SPECIFICATIONS

- 1) Material shall be of best-approved quality, make and they shall comply with the respective Indian Standard Specification.
- 2) Samples of all materials shall be got approved before placing order and the approved sample shall be deposited with the Architect / PMC/Owner.
- 3) In case of non-availability of materials in metric sizes the nearest size in FPS units shall be provided with prior approval of the GCSC for which no extra amount will be paid.
- 4) If directed, materials shall be tested in any approved Testing Laboratory and the test certificates in original shall be submitted to the Architect / PMC and repeated testing including charges for repeated tests, if ordered, shall be borne by the Contractor.
- 5) It shall be obligatory for the Contractor to furnish certificate, if deemed by the Architects/ PMC, from manufacturer or the material supplier that the work has been carried out by using their material and as per their recommendations.
- 6) All materials supplied by the Employer / any other Specialist Firms shall be properly stored and the Contractor shall be responsible for its safe custody until they are required on the works and till the completion of the work.
- 7) Unless otherwise shown on the Drawings or mentioned in the "Schedule of Quantities" or special specification, the quality of materials, workmanship, dimensions, etc., shall be as specified as hereunder.
- 8) All equipment and facilities for carrying out field tests on materials shall be provided by the Contractor without any extra cost.

Board Sheets:

C.G.I. Sheets shall be of a gauge specified in the description of the item and shall conform to the IS: 277. The sheets shall be free from cracks, spilt edges, twists, surface flaws, etc. They shall be clean bright and smooth. Galvanizing shall be uninjured and the perfect condition. The sheet shall show no sign of rust or white powdery deposits on the surface. The corrugations shall be uniform in depth and pitch and parallel.

Powder coating:

Board Sheets of a gauge specified in the description of the item shall be processed for powder/chemical coating as directed in order to have extra protection and good aesthetics. Coating shall be of colour and shade as per selection of GCSC. Proper sampling shall be done for the confirmation of the item.

Paints:

Painting – Oil / Enamel / Plastic Emulsion etc.:

Ready mixed oil paint, flat oil paint, plastic emulsion paint, ready mixed synthetic enamel paint, etc., shall be brought in original containers and in sealed tins. If for any reason thinner is necessary, the brand and quantity of thinner recommended by the manufacturer or as instructed by the Architect shall be used.

The surface shall be prepared as specified above and a coat of approved primer shall be applied. After 24 hours drying approved or specified quality paint shall be applied evenly and smoothly. A filler putty coating may be given to give a smooth finish. Each coat shall be allowed to dry out thoroughly and then lightly rubbed down with sand paper and cleaned of dust before the next coat is applied. Number of coats shall be as specified in the item and if the

finish of the surface is not uniform, additional coats as required shall be applied to get good and uniform finish at no extra cost. After completion no hair marks from the brush or clogging of paint puddles in the corners of panels, angles or moldings etc., shall be left on the work. The glass panes, floor etc. shall be cleaned of stains.

When the final coat is applied, if directed, the surface shall be rolled with a roller or if directed; it shall be stippled with a stippling brush.

Note: All material shall conform to respective IS codes as specified.

STEEL SECTIONS ETC.

Steel used in the manufacture of rolled steel sections shall not have more than 0.060 per cent of sulphur and 0.065 per cent of phosphorus. The carbon content shall not exceed 0.30 per cent and shall be of weld able quality. In all other respects, the rolled steel sections shall conform to I.S. 226-1955 and I.S. 1977-1962.

Frames shall be square and flat. Both the fixed and open able frames shall be constructed of sections, which have been cut to length, mitered and electrically welded at corners. Sub-dividing bar units shall be tenoned and riveted into the frames. All frames shall have the corners welded to a true right angle and welds shall be neatly cleaned off. Couplings, molding and weather bar shall be provided as directed by the Architects/GCSC.

Outer frames shall be provided with fixing holes centrally in the web of the sections and fixing screws and lugs shall be used for fixing the frame to masonry. Mastic cement shall be used for making the joints watertight.

Hinges shall be strong projecting type. If directed friction type hinges shall be used in which case windows shall not be fitted with peg stays.

Projecting type hinged shutter shall be fitted with bronze or brass peg stays, 30 cm. long with peg and brackets welded / riveted to the frame or as sated under item.

All the steel surfaces shall be thoroughly cleaned free of rust, scale or dirt and mill scale by picking or phosphating and before erection painted with one coat of approved anti rusting primer like zinchromate and after erection painted with two finishing coats of synthetic enamel paint of approved shade, make and quality.

The Contractor shall take to stack the fabricated frames etc., on site under cover. They shall be handled with care, stacked on edge on level bearers and supported evenly. Before erecting, the frames coming in contact with concrete, masonry, plaster or dissimilar metals shall be coated with a coat of Zinc Chromate conforming to IS: 104-1950. The Contractor shall cover all anodized finish work with a thick layer of clear transparent lacquer based on methacrylates or cellulose butyrate to protect the surface from wet cement during installation. This coating shall be removed on completion.

Additional Specifications

Item No. 1 – Providing & Fixing display boards size 3'x4'x0'9" on road side poles using GI 18 SWG sheet, vertical stiffeners & powder coating of the specification as directed, erecting properly on poles with proper clamping, its painting etc at height as per details complete. Item also covers removal of the existing display boards and deposit to GCSC office.

The work of display boards shall be done as per details provided by GCSC. The material, size, colour, fixtures, coatings etc shall get approved prior to procurement. The display boards are to be fixed on road boundaries/ road dividers etc. Item also includes removal of the previously fixed or broken display boards and to place it at GCSC store as directed. Rate shall be inclusive of all material, fabrication work, loading, unloading, scaffolding work, cleaning and touching work of paints as required on completion of the work. Sample board shall be prepared prior to supply of the ordered quantity. The quantity may vary depending up on requirement of GCSC. In case of change in size of the board, the payment may be considered on basis of unit area. Following guidelines shall be followed for different work.

Indian Standard

Work detail

800 – 1984

Code of practice for use of structural steel in general building construction (second revision).

814 - 1974

Specification for covered electrodes for metal arc welding of structural steel (fourth revision).

816 - 1969

Code of practice for use of metal arc welding for general construction in mild steel (first revision).

818 - 1968

Code of practice for safety and health requirement In electric and gas welding and cutting operations (first revision).

Boards shall be erected as per details with truly vertical and horizontal position with good line and level. All the welding and end junctions shall be made smooth by grinding, etc. No sharp edges shall be found at junctions and shall be grinded properly. The metal members like clamps etc shall be applied primer properly and two coats of approved synthetic enamel paint of approved make and shade. Rate shall include all material, fixtures, fastening, welding, riveting, carting, handling, taxes etc complete. The clamps shall hold the board properly in to correct position without any slippage and without any gap found with the MS poles. All care shall be taken to work on electrical poles and Contractor shall be responsible for any accident caused due to careless working or any such other cause. No error in the work shall be observed else shall be rectified at contractor's own risk and cost. Item includes all board fabrication work with material, labour, taxes, carting, erection equipments like ladder system, scaffolding work etc complete to the satisfaction of EIC. . All general specification of material metal. joint, joints, welding, flats, steel sections etc shall be followed as per general specifications of this document.

Signature of Agency

Executive Director

GUJARAT COUNCIL OF SCIENCE CITY
(A Government of Gujarat Society)

WORK OF DISPLAY BOARDS FOR SCIENCE CITY, AHMEDABAD.



PRICE BID

Gujarat Council of Science City

Village Hebatpur, Sola Santej Road,
Nr. Science City Cross Road, Off Sarkhej Gandhinagar Highway,
Ahmedabad -380060
Phone: 91-79-55222127. 28 Email: mail@scity.org Website: - www.scity.org

Name of Work: - Work of display boards for Science city, Ahmedabad.

BOQ

Sr. No.	Item	Qty	Per	Rate	Amount
1	Providing & Fixing display boards size 3'x4'x0'9" on road side poles using GI 18 SWG sheet, vertical stiffeners & powder coating of the specification as directed, erecting properly on poles with proper clamping, its painting etc at height as per details complete. Item also covers removal of the existing display boards and deposit to GCSC office.	100	No		
Total Amount Rs.					

Note: - The rates are inclusive of all taxes, carting complete.
Quantities may vary depending upon GCSC requirements.

Signature of the Contractor with stamp

**Executive Director
GCSC**