

Request for Proposal

For

REFURBISHMENT OF GANDHI MANDAP

Design, Build and Operate Basis

**Volume II E: SCOPE OF WORK & SPECIFICATIONS FOR
REFURBISHMENT OF STAGE WORK ,TOILET BLOCK AND
OTHER STRUCTURES**

Client:



**GSCL,
Guwahati, Assam**

DOCUMENT NO: TCE.10477A-AC-1007-1300

GANDHI MANDAP

BIDDING DOCUMENT FOR REFURBISHMENT OF GANDHI MANDAP

Design and Development of Landscaping works consisting of Softscaping, Hardscaping and related Civil works along with Maintenance of Entire Garden for period of One years at Gandhi Mandap, Sarania Hill.

VOLUME II E

TECHNICAL BID - EMPLOYERS REQUIREMENT AND SPECIFICATION

Employer

REFURBISHMENT OF STAGE

Scope :

Removal of existing roof of the stage and rectification of the structure as per proposed design. Contractor shall to design ,provide and fixing of tensile structure for the stage. Contractor shall have to submit the details drawing for refurbishment of stage which include tensile structure , podium, lighting etc. complete in all sense. Before execution of the work approval from Landscape architect and client is necessary.

Covered Stage with membrane fabric

Design Providing and fixing of tensile structured covered stage (14.0mt. x 8mt.) with white coloured membrane pvc fabric (pre-constraint 702 S2 of Ferrari or equivalent in Mehler) having weight of 750 gsm, minimum thickness 0.6 mm, tensile strength of 320 lbs/in, tear resistance of 85/80 lbs, flame retardant conforming to EN 1350-1, UV rays resistant. The membrane shall be fixed on deco spray painted MS structural hollow member of rafter of size 75 mm OD 3.6 mm thick CHS , purlin 60 mm 3 mm thick CHS all conforming to IS:1239 along with SS 304 wire rope 8 mm thick along with SS plates, bolts, fastners for fixing on walls etc complete in all aspects. The structural members shall have minimum 50 micron spray paint coating. . The whole structure should be able to sustain wind pressure of more than 200km/hr. The membrane fabric should have life span of over 10 years and should be weather proof. The joints, cutting shall be sealed, woven to avoid breakage due to winds. The cost shall be inclusive of all taxes, profits, labour etc.

NOTE: The sizes are tentative, minimum and if it is required to be increased based on functional requirement, site dimensions, aesthetics; same shall be done by contractor without any extra levy/charges. Bidders are advised to visit the site and satisfy themselves wrt site conditions, dimensions, fixing details. Shop drawings shall be provided by successful bidder for approval of Engineer- in-charge. All nuts/bolts shall be of SS 304 grade. In case of any contradiction between the specifications, the contractor shall take the prior approval of the Engineer- In – Charge before executing the same at site.

PUBLIC UTILITIES /TOILET BLOCK

The bidder shall to design ,built, install and maintain Public utilities /Toilets/ Guard Rooms etc. The bidder shall to provide adequate facilities of Public utilities /Toilets/ Guard Rooms etc. in all sense with good industrial practice . The bidder shall to submit the detail drawings of all the component which includes , sanitation, plumbing , electrical ,civil etc. The bidder shall also provide the adequate water storage for toilets and drinking water cooler, power back up for emergency light, etc. The bidder shall have to maintain the Public utilities /Toilets/ Guard Rooms etc. areas and fixture for ONE years and replace the fixture which are not working during maintenance period .

ROOFING FOR GAZEBO

Providing & fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) 0.5 mm (+0.05%) total coated thickness with zinc coating 120 grams per sqm as per IS:277, in 240 mps steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/ self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal, vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.

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