

QUOTATION FOR STRENGTHENING OF COLUMNS IN
Dr. NTR COMMERCIAL COMPLEX, VIJAYAWADA

To
The Commissioner,
Municipal Corporation,
Vijayawada,

Respected sir,

The Rate for “STRENGTHENING OF COLUMNS BY WRAPPING WITH 330GSM CFRP MESH IN Dr. NTR COMMERCIAL COMPLEX, PRAKASAM ROAD, VIJAYAWADA” is hereby requested by the Vijayawada Municipal Corporation and I have understood about the work.

S. N.	Description of Item / Job	Rate per 1 Sq.m in Rs. Ps
1	2	4
1	<p><u>1.Surface preparation:</u> Surface preparation by hacking or removing the existing plastering on the old concrete surface of footings and columns as per the specification including lead & lift, men, machinery & materials etc., complete as per the directions of the Engineer-in-charge</p> <p><u>2.Strengthening of Columns by wrapping with 300GSM CFRP Mesh:</u> Strengthening of column with fiber wrapping system comprising of Carbon Fiber sheet and compatible saturant, by dry lay-up system including surface preparation like Substrates must be sound, dry, clean and free from Liatance, ice, standing water, grease, oils, old surface treatments or coatings and any loosely adhering particles by grinding/moulding concrete substrate, cleaning it with wire brush removing, rounding sharp edges to min 25mm radius etc., complete</p> <p><u>3.Profiling:</u> Applying compatible primer on prepared substrate, filling the blow holes and uneven surface with thixotropic putty etc.</p> <p><u>4. Wrapping:</u> Wrapping with fiber sheet 300GSM to structural element at desired orientation using tamping roller to avoid any air voids etc., repeat the same procedure for multiple layer with the interval of 8Hours.</p> <p><u>5. Sand Pasting:</u> Applying second coat of saturant, rectify air voids if any paste the river sand on it to make surface rough to take any further finishes</p> <p>6. Polymer modified mortar treatment on RCC Columns upto 30mm thickness as explained in sketch including lead and lift, men, machinery and materials etc., complete s per the direction of Engineer-in-charge</p> <p><u>(Mode of Measurement: Application of fiber area and not surface area)</u> <u>(Approximate quantity is 340 Sq.m</u></p>	<p>Rs. _____/-</p> <p>Rupees (in words)</p> <p>_____</p> <p>_____</p> <p>_____</p>

Date and time for downloading details from the website : 23-09-2017 10.30 A.M

Last date and time for submission of quotations : 07-10-2017 by 3.00 P.M

Contact for details of works at Office of the Executive Engineer-II,
Satyanarayanapuram, Vijayawada, Mobile No. 9866514164

(Contd.....)

- *The Participants should be the reputed Engineering Firms/Consultancies/Construction agencies and they should be registered from the Government of India/any other state of India.*
- *The Participants should have well experienced in the similar nature i.e., in strengthening of columns.*
- *The Participants should submit the Experience Certificates in the similar nature of work.*
- *The Engineering Firms/Consultancies/Construction agencies should quote the Rate duly considering the location of the work, transportation and other statutory taxes in vogue.*
- *The Firms should aware that the methodology of strengthening is customized as per the advice of the Professor of IIT-Madras.*
- *The participant firm should be Income Tax Payee and should be GST/VAT holder.*
- *The Commissioner, VMC has the rights for approving the rate and cancelling the bid.*
- *The Electricity and Water Supply should be arranged by the firm on its own and the consumption charges should be paid by the firm during the execution.*
- *Any Legal disputes shall be settled in Vijayawada Jurisdiction only.*
- *The adopting technology for strengthening of columns should be certified by the Professor of IIT-Madras and TPQA of VMC i.e., Civil Engineering Department of Siddardha Engineering College, Kanuru, Vijayawada Rural.*
- *The work should be carried out under supervision of qualified technical persons.*
- *The VMC will not take responsibility for any damages, theft and natural calamities occurred during the execution of entire project.*

I am hereby confirmed the below values and I agree to take up the project as per the terms and conditions of the Vijayawada Municipal Corporation. I am hereby confirmed that the methodology for strengthening of columns is studied by me and I am well-versed with the strengthening of columns as requested by the Vijayawada Municipal Corporation.

SIGNATURE OF THE PARTICIPANT FIRM

Note: The Firm Officials should fill the Column No.4 & 6 of the Quotation in writing and should submit in the sealed cover duly writing the name of work on the top of the cover by noting the address “The Commissioner, Municipal Corporation, Vijayawada” duly specifying the name of the firm.