

Government of India/भारत सरकार
Central Water Commission/कन्द्रीय जल आयोग
Upper Godavari Division/उपरी गोदावरी मडल

Krishna Godavari Bhavan
3rd floor, 11-4-648, A.C. Guards
Hyderabad-500004
कृष्णा गोदावरी भवन,
म. सं. 11.4.648, 3 तल,
ए.सी.गार्ड्स हैदराबाद : 500 004

No. UGD/JE-HQS/IEC(Media)/2012-13/ 1700-1709

Dt. 30-11-2012.

NOTICE INVITING QUOTATION

To

Sub:- Quotations for Preparation/Supply of Table-top Model of Godavari River Basin for Exhibition of CWC in Tribal Area – Reg.

Sealed Quotations are invited for the work- Preparation/Procurement of Exhibits - Table-top Model of Godavari River Basin for Exhibition of CWC in Tribal Area so as to reach this office by 1430 hours on 15-12-2012. The quotations will be opened on the same day at 1500 hours in the presence of Quotationers or their authorised representatives.

| Sl.No. | Description | Quantity | Unit | Rate | Amount |
|--------|--|----------|------|------|--------|
| 1. | Preparation/supply of Table-top Model of Godavari River basin for exhibition/display of Size : 8' x 4' | 1 No. | Sft. | | |

I. TECHNICAL INFORMATION:

1. Theme/Concept : Table-top Model of Godavari Basin with a physical representation that has a realistic look at a glance
2. Materials to be used for:-
 - a) Covering : 4 mm thick Acrylic Dust proof cover transparent/visible
 - b) Base : Sandwich MDF sheets – 4" thick
 - c) Contours : Foam material sheets as per the requirement for indicating the Hills, Valleys, and the steepness of slopes in a realistic manner
 - d) Maximum levels of Topographical features (Mountains/Hills) – 300 mm
 - e) Hydrological Observation site offices (Minimum-30 nos) – 20mm x 15mm miniature models
 - f) Flood Forecasting/Wireless stations (Minimum-57 nos) – 20mm x 15mm miniature models
 - g) Major Dams/Barrages on main river (5 nos) : 80mm x 20mm miniature models - Realistic look
 - h) Minor Dams on Tributaries (6 nos.) - 40mm x 15mm miniature models -Realistic look
 - i) Historical Places – 15mm x 12mm miniature models
 - j) Forest Area – Minimum 2 trees per 25 sq.mm (1 sq.inch)
 - k) Main River width/Depth – Minimum 75 mm (3") / 25mm (1")
 - l) Tributaries (minimum 13 nos.) width/Depth–Minimum 40 mm(1½")/15mm (½") approx.

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- m) Sub-tributaries (minimum 8 nos.) width/Depth—Minimum 12.5 mm($\frac{1}{2}$ ")/15mm $\frac{1}{4}$ " approx.
- n) State Boundaries – single dotted line of 2mm width with red marking
- o) Railway Tracks – Double dotted line of 2mm width with black marking
- p) National Highways – single line of 4mm width with blue marking

II. GENERAL INFORMATION:

- i) H.O.Sites (30 Nos.) –
Out of which minimum 6 nos. of miniature models of Boat attached with a string to cable way towers along with Gauge posts at Centre line with Pivot boards & Musto Bench mark (MBM)
- ii) Full Climatic stations –
Minimum 3 nos. of miniature models at Dhalegaon, Perur and Ballarshah in an area of 15mm x 10mm each with Evaporimeter, Stevenson Screen with stand & ARG/ORG
- iii) Telemetry Stations –
Minimum 3 nos. of miniature models at Pauni, Jagdalpur and Mancherial in an area of 15mm x 10mm each with Solar Panel, Antenna with lightning arrestor, DCP Box to a pole, Bubble Point and Rain Gauge point
- iv) Wireless Stations (57 nos.) –
Out of which minimum 9 nos. of miniature models of self-supporting towers of height 50 mm height painted in red & white alternatively and a string attached to each pair with lightening arrestor on top of towers at Dowleswaram, Bhadrachalam, Nowrangpur, Mancherial, Purna, Nasik, Tekra, P.G.Bridge, and Bamni in an area of 15mm x 10mm each
- v) Cities/Towns/Villages –
miniature models of Houses/Buildings, Parks/Lawns in different colours
- vi) Major Dams on Godavari River –
3 Major Dams at 1) Gangapur Dam, 2) Jaikwadi Dam, & 3) Sriramsagar Dam
1 Barrage at Dowleswaram
1 Weir at N.M.D.
- vii) Minor Dams – 8 Minor Dams as follows:-
 - Dharna Dam on Dharna tributary
 - Palkhed Dam on Kadana tributary
 - Manjlegaon Dam on Sindhpana tributary
 - Siddeswar Dam on Purna tributary
 - Nizamsagar Dam on Manjira tributary
 - Taliperu Dam on Taliperu tributary
 - Kinnerasani Dam on Kinnerasani tributary

III. TRIBUTARIES OF GODAVARI: 14 nos.

1. Dharna
2. Kadana
3. Pavara
4. Shiv
5. Sindhpana
6. Purna
7. Manjira
8. Siddavagu
9. Pranahita

10. Wainganga
11. Indravati
12. Taliperu
13. Kinnersani
14. Sabari

IV. SUB-TRIBUTARIES OF GODAVARI: 6 nos.

1. Mula of pravara
2. Dudhana of Purna
3. Lendi of Manjira
4. Wardha, Kanhan, Bawantani & Bagh of Wainganga
5. Bhaskal of Indravati
6. Murreduvagu of Kinnersani

V. BASIC INFORMATION : available at UGD,CWC,Hyderabad

1. Godavari River Basin Map with location of H.O.stations & Wireless stations
2. Flow diagram of Godavari River
3. No. & Names of H.O.sites with Co-ordinates and AMSL
4. No. & Names of Wireless station/Telemetry station with Co-ordinates and AMSL

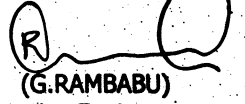
NOTE: 1.Basic information of terrain and Godavari Basin shall be obtained from Google Earth Web site.

2.Model with all necessary details shall be prepared & supplied (NOT TO SCALE)

TERMS AND CONDITIONS :-

1. The envelope containing quotations should be super-scribed as "Quotation for the Preparation/supply of Table-top Model of Godavari Basin ".
Date of opening: **15-12-2012.**
2. An experience in preparation of atleast two(2) models in Central / State Govt. offices amounting to Rs.1 lakh and above.
3. Rates quoted should be f.o.r. Hyderabad including cost of material, labour charges, packing, forwarding/transportation, and fixing in position and all risks during transit.
4. Rates may be quoted both in figures & words. In case of dispute, rates quoted in words shall be taken as final.
5. No extra taxes will be payable.
6. The minimum period of validity of the rate quoted may be kept open invariably for (2) two months from the date of opening of quotations. In case the validity is not indicated it will be taken as (2) two months.
7. Alterations, over-writings if any on the quotations should be attested, without which the quotation is likely to become invalid.
8. The Model shall reflect all Geo-physical features of the River Basin as a whole like tree/forest coverage, hills, valleys, water bodies etc.
9. Work is required to be done strictly in accordance with the above specifications. Changes if any, during execution shall be done as per the instructions of Engineer-in-charge.
10. The under-signed reserves the right to reject any one or all the quotations without assigning any reason.
11. The under-signed reserves the right to increase or decrease the quantity indicated.

12. Work should be completed within one month from the date of issue of supply/work order.
13. Payment will be made by Cheque on State Bank of India, Red Hills, Hyderabad after receipt of the materials in full and good condition.



(G.RAMBABU)
Executive Engineer
अधिसासी अभियंता

Upper Godavari Division

Copy to:-

1. The Superintending Engineer, Godavari Circle, CWC, Hyderabad with a request for uploading the same to CPP Portal.
2. Smt. Rekha Rani, AD O/o the CE, KGBO, CWC, Hyderabad for uploading the same in KGBO Web site.
3. Accounts Branch, Division Office.
4. Quotation file.
5. Notice board.