



CUTTACK MUNICIPAL CORPORATION

Tel No.2308517. 2308424. 2308104(Fax)

Ref...2044(PN)
III Eng 1518/2016

Date...20.06.2017

EXPRESSION OF INTEREST FOR SELECTION OF CONSULTANCY/ARCHITECTURAL FIRMS FOR PROPOSED 2ND DEER PARK

Sealed offers are invited from intending consultants/Architectural Firms having **adequate experience for preparation of detailed project report (D.P.R) according to the specification of Central Zoo Authority & Govt. of Odisha/India** for **Development of 2nd Deer Park near Munduli under Barang & Damapada Tahasil**. The tenderer should submit their offer along with valid VATCC/PAN card & other related documents as mentioned in tender schedule (Annexure I).

Sl. No.	Item	E.M.D	Paper Cost with VAT	Period of Completion
1	2	3	4	5
1	Preparation of Detail Project Report (DPR) of 2 nd Deer Park near Munduli under Barang & Damapada Tahasil	Rs 14000/-	Rs 10,500/-	4 Month

A. Qualification of the Bidder

The qualifying criteria are as under:

(i) Topographic Survey with contour & mapping using total station and/ or DGPS, High Definition Survey (HDS) and experience of having successfully completed similar works during last 7 (seven) years reckoned from the due date for submission of bid:

- Three similar completed works each costing not less than 40% of the present estimated cost ie.Rs.5.44 lakhs (or)
- Two similar completed works each costing not less than 50% of the present estimated cost ie. Rs.6.80 lakhs (or)
- One similar completed work costing not less than 80% of the present estimated cost ie. Rs. 10.88 lakhs

The bidder has to furnish necessary documentary evidence in support of this. The bidder shall submit the successful completion certificate from the owner of land / organization for which the bidder has done the work.



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(ii) The bidder shall carryout work with qualified surveyors / competent Surveyors, Engineers, labours and all other incidental items as may be necessary for successful completion of the topographic surveying with contour & mapping work.

(iii) The average turnover of the bidder in survey related projects, as mentioned above should be more than Rs.5 lakhs in the last three financial years.

(iv) The bidder should have sufficient number of skilled and competent manpower. The bidder should submit the qualification of the manpower to be used for survey.

(v) In the absence of requisite documents, Cuttack Municipal Corporation the right to reject the bid without making any reference to the bidder.

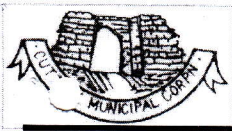
(vi) The bidder should possess and hire all necessary surveying instruments and all other tools, equipments (proof of latest calibration certificate to be attached) and materials, scaffoldings, necessary transport and all facilities with them in adequate quantity to complete the work, which shall be minimum of the following:

- a. One hand held GPS having accuracy + or - 3m or better.
- b. Two Auto levels with all necessary accessories.
- c. One DGPS (dual frequency with at least 12 channels) and two total stations of 2 seconds accuracy or better with all necessary accessories.
- d. A computer with latest AutoCAD, latest MS Office and other necessary packages for preparation of drawings etc.,
- e. Software for downloading & preparation of L-Section such as Auto plotter or similar etc.,

(vii) The offer of the agency not qualifying the above all criteria will summarily be rejected without assigning any reason.

B. Scope of work

The work involves carrying out a detailed engineering topographic survey and contour, for entire Deer park areas, Soil investigation, Preparation of Master Plan, Master Layout Plan according to the guideline/specification of Central Zoo Authority as well as Govt. of Odisha/India & Preparation of detailed project report (DPR) & Preparation of detail drawings according to the guideline/specification of Central Zoo Authority as well as Govt. of Odisha/India (in every aspect).



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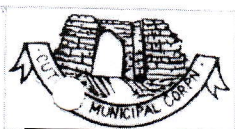
The bidders shall carry out the topographical survey and contour for approximately 51 Acres of area, using total station and prepare plans (Maps) on a suitable scale taking, capturing all physical features like buildings, transit sheds, ware houses, railway tracks, roads, yards, docks, wharf, jetties, Break waters, trees, lighting poles, electric lines, telephone lines / poles, Overhead tanks, Ground Level tanks, water lines (visible on ground), pump rooms, storm water drains, wells, fences, compound wall and allied structures, etc., are to be furnished

The broad scope of work through TSM (Total Station Machine) survey method is as follows:

- a) Boundary demarcation of natural boundaries, buildings, plots, pillars, social infrastructure, Major & Minor roads, streets, other major landmarks, latitude and longitude, prominent structures, individual plots, building / plot number on ground and off ground water front, electrical poles, Railway tracks etc., along with latitude and longitude with width (including plots within the boundary with areas of individual plot and its area)
- b) Fixing co-ordinates of all points of the boundary – wherever there is a change in the orientation of the boundary or where ever it's necessary, co-ordinates / points are required to be taken with the TSM survey machine.
- c) Providing plot details as given by Revenue department on the boundary map demarcated ,Revenue plot details are available with Cuttack Municipal Corporation.
- d) Providing all other surrounding features like roads, prominent structures, land marks, etc., on the map while fixing the boundaries.

Contouring

The bidder shall carry out spot level surveying at an interval not exceeding 0.5 m for contouring the area. Levels shall also be taken on all traverse stations and on salient points located at random over the area (ground points). Contours are to be interpolated at 0.5m intervals after the above points are plotted. The contours shall not be just interpolated but properly surveyed on the ground so that features falling between the two successive levels are also picked up. Sufficient



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points properly distributed over the entire area shall be located and levels taken so that accurate contouring can be done at places of sharp curvature or abrupt change in direction and elevation, points selected shall be close to each other. Salient points on ridge lines and valley lines shall also be measured.

Preparation & Submission of Survey Maps

The bidder shall submit key plan of the site in 1:5000 scale. All plans, indicating the contour lines, demarcating all permanent features like roads, buildings, railway tracks, transit sheds, ware houses, yards, docks, wharf, jetties, trees, lighting poles, electric lines, telephone lines / poles, water bodies, pump rooms, storm water drains, fencing, compound wall, allied structures, etc., Any specific details shall be submitted in 1:5000 scale. Contour Plan with contour drawn at 0.5m interval for specific feature.

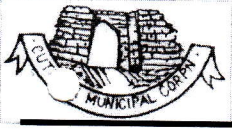
All the maps and drawings should be prepared in digitized forms using Inkjet / Pen plotter and standard computer software like AutoCad (latest version) on standard A0 size polyester base film. The block of all the drawings should be as per the instructions of Cuttack Municipal Corporation.

Contour maps at site - The grids for the survey work shall be established in N-S & E-W direction (Corresponding to magnetic North) and the survey reference shall be spheroid WGS 84

The bidder shall submit three hard copies and two soft copies in CD/DVD of all reports for review and approval of Central Zoo Authority. After approval, specified prints of all the final maps on polyester base film / high quality paper along with two sets in soft format in a CD/DVD shall be submitted.

Drawings

All drawings shall be prepared on AutoCAD. The AutoCAD drawings shall have different layers for different features like buildings, transit sheds, ware houses, railway tracks, roads, yards, docks, wharves, jetties, trees, lighting poles, electric lines, telephone lines / poles, water bodies, pump rooms, storm water drains, fencing, compound wall, allied structures, etc., as instructed by Engineer in-charge. X, Y, Z co-ordinates



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of all spot / ground points shall be provided in CSV file as directed by Engineer in-charge with point numbers and feature coding as per list of codes given by Engineer in-charge.

Site Visit

Any site information given in this tender document is for reference only. The Bidder is advised to visit and examine the site of works and its surroundings and obtain for himself on his own responsibility all information that may be necessary for preparing the tender and for the execution of the assignment. The bidder shall be deemed to have inspected the site and its surroundings beforehand and taken into account all relevant factors pertaining to the site in the preparation and submission of the tender. The costs of visiting the site shall be borne by the Bidder.

- C. The Final consultancy fees will be released on successful sanction of the project.
- D. The consultants/Architectural Firms has to follow the instruction of the Authority/Engineer in charge while preparation of DPR.
- E. The detailed Tender Call Notice, description & scope of work and all other terms and condition will be available in CMC website **www.cmccuttack.gov.in** with effect from **11.00 A.M. of 04-07-2017 to 4.00 P.M. of 17-07-2017**.
- F. The sealed tender should reach the undersigned by **18-07-2017** up to **3.00 P.M** at the latest through registered post/Speed post only. The tender will be opened in the same day at **4.00 PM** in the presence of bidders or their authorized representatives if they so like.
- G. If the offices happens to be closed on the date of receipt, opening of the Quotation as specified, the quotations will be received / opened on the next working day at the same time and venue. The quotations will not be accepted after due date and time.
- H. Earnest Money Deposit (EMD) as mentioned above should be submitted in shape of National Saving Certificate (NAC) / Kissan Vikash Patra (KVP) / Post Office Savings Book (POSB) / Post office term deposit (POTD) / Fixed Deposit Receipt (FDR) of any Nationalize Bank / Schedule Bank pledged / Demand

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Draft/Bankers Cheque drawn in favour of Commissioner, Cuttack Municipal Corporation, Cuttack.

- I. Paper cost as mentioned above should be submitted in shape of Demand Draft/Bankers Cheque drawn in favour of Commissioner, Cuttack Municipal Corporation, Cuttack.
- J. Conditional quotation will not be accepted.
- K. It must be noted that Consortium/Joint Venture approach is not acceptable.
- L. Interested consultants/Architectural Firms may obtain further information and clarification on any matter relating to tender, drawing & design, survey and requirement for preparation of DPR from the office of City Engineer , Cuttack Municipal Corporation, At :- Vikash Bhawan, Jaganath Lane, Cuttack
- M. The undersigned will not be held responsible for the postal delay if any, in the delivery of the documents or non-receipt of the same.
- N. Statutory deduction of taxes as per prevailing Govt. order in force like VAT' Income Tax, any other Central Govt. taxes etc. will be made at source from the bills
- O. The bidders shall not write their name on the cover, containing quotations & other ancillary document submitted. Only name of the work shall be written on it.

P. Payment Schedule

Stage-1: Submission of Total Station leveling survey & Contour map as per Specification of Central Zoo Authority	20% of Total Consultancy Fees
Stage-2: Submission of Master Plan, Master Layout Plan according to the guideline/specification of Central Zoo Authority as well as Govt. of Odisha/India with Soil Investigation Report	20% of Total Consultancy Fees
Stage-3: Submission of Detailed Project Report (Draft) Plan according to the guideline/specification of Central Zoo Authority as well as Govt. of Odisha/India	20% of Total Consultancy Fees
Stage-4 : Submission of Detailed Project Report & working drawing (Final) (Hard & Soft copy) Plan according to the guideline/specification of Central Zoo Authority as well as Govt. of Odisha/India	20% of Total Consultancy Fees
Stage-5: After approval of Detailed Project Report (Final)	20% of Total Consultancy



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Fees

Q. The authority reserves the right to reject or accept any tenders without assigning the reason thereof. The tenders received in incomplete shape or after due date shall be summarily rejected.

Executive Engineer II

Cuttack Municipal Corporation

Memo No. 2045(PW) Date 30-06-2017

Copy to Notice Board, Cuttack Municipal Corporation for wide publication.

Executive Engineer II

Cuttack Municipal Corporation

Memo No. 2046(PW) Date 30-06-2017

Copy submitted to the Collector & District Magistrate, Cuttack / Chief Engineer, (P.H.) Urban, Orissa, Bhubaneswar -I.L.W., C.M.C./ G.M., Cuttack Electrical Circle, CESU, Badambadi, Cuttack / A.G.M, City Distribution Division-I & II, CESU, Cuttack / Executive Engineer-II, G.E.D, Cuttack / Executive Engineer, Cuttack R & B Division, Cuttack/ B.D.O, Cuttack Sadar/ Executive Engineer, Mohanadi South Division, Cuttack/Tourist Officer, Cuttack/Manager, Netaji Memorial, Cuttack for information. They are requested to display the notice in their office notice board for wide publication

Executive Engineer II

Cuttack Municipal Corporation

Memo No. 2047(PW) Date 30-06-2017

Copy to D.R.Tripathy, Deputy Executive Engineer, CMC/Sri Pratap.Samal, J.E, CMC/H.A, Engg. Section, CMC for information and necessary action.

Executive Engineer II

Cuttack Municipal Corporation

Memo No. 2048(PW) Date 30-06-2017

Copy to M.I.S, CMC for information and necessary action. It is requested to upload the notice in CMC official website.

Executive Engineer II,

Cuttack Municipal Corporation

Memo No. 2049(PW) Date 30-06-2017

Copy submitted to the Hon'ble Mayor, CMC/Commissioner, CMC/ City Engineer, CMC for favour of their kind information and necessary action.

Executive Engineer II

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Annexure I

SCHEDULE OF WORKS

Name of the Work: - **Preparation of Detail Project Report (DPR) of 2nd Deer Park near Munduli under Barang & Damapada Tahasil**

E.M.D. to be deposited: Rs 14,000/-

Paper Cost with 5% VAT - Rs 10,500.00

Eligibility Tenderer - Registered consultants/Architectural Firms

Period of Completion - 4 (Four) Month

Sl. No.	Item	Unit	Approx. Qnty.	Rate in Figure & Word including all taxes	Amount in Figure & Word
1	2	3	4	5	6
1	Detail total station leveling survey for contour in 0.5 Mtr interval of proposed park area. It shall carry out spot level surveying at an interval not exceeding 0.5 mtr interval for contouring the area. Levels shall also be taken on all traverse stations and on salient points located at random over the area (ground points). Contours are to be interpolated at 0.5m intervals after the above points are plotted. The contours shall not be just interpolated but properly surveyed on the ground so that features falling between the two successive levels are also picked up. Sufficient points properly distributed over the entire area shall be located and levels taken so that accurate contouring can be done at places of sharp curvature or abrupt change in direction and elevation, points selected shall be close to each other. Salient points on ridge lines and valley lines shall also be measured.	Each Acre	57.08 Acre		
2	Soil investigation	Each bore of 10 mtr depth	2 Nos		
3	Preparation of Master Plan, Master Layout Plan according to the guideline/specification of Central Zoo Authority as well as Govt. of Odisha/India	Each Acre	57.08 Acre		
4	Preparation of detailed project report (DPR) & Preparation of detail drawings according to the guideline/specification of Central Zoo Authority as well as Govt. of Odisha/India (in every aspect)	One Complete Item	One Complete Item		

Number of Correction -

Number of overwriting -

Number of Interpolation

Signature of Bidder

Executive Engineer