

Zillha Parishad Ratnagiri

Rural Water Supply Division,
Z.P.Ratnagiri.

FORM FOR EXPRESSION OF INTEREST

NAME OF WORK- To form a panel of engineers/technical consultants who are willing to work for the technical consultancy and assistance for survey, preparation of detailed project report of PWS scheme presentation of scheme, getting technical sanction and administration approval, issuing work order under the Jal Jeevan Mission program, Ratnagiri District.

Name and Address of Engineers/Technical consultants/Contractors:

.....
.....
.....

सही/----
कार्यकारी अभियंता,
ग्रामीण पाणी पुरवठा विभाग
जिल्हा परिषद रत्नागिरी

सही/----
मुख्य कार्यकारी अधिकारी,
जिल्हा परिषद, रत्नागिरी

**Rural Water Supply Department Zilla Parishad
Ratnagiri**

EXPRESSION OF INTEREST

Executive Engineer Rural Water Supply Department, Zilla Parishad Ratnagiri, on behalf of the Chief Executive Officer, Zilla Parishad Ratnagiri, to form a panel of engineers / technical consultants who are willing to work for the technical consultancy and assistance for survey, preparation of detail project report of PWS scheme presentation of scheme, getting technical sanction and administration approval, issuing work order under the Jal Jeevan Mission program. Engineers / Institutions should submit the required information, documents along with the accompanying Annexure 'A' to the office of Rural Water Supply Department, Zilla Parishad, Ratnagiri, directly on eebnratnagiri1@gmail.com.

Contact Number for any information – **9860397901, 9273209562**

Terms and Conditions:

1. Detail notice of the above work will be available online from the date **06/ 05/2022, 11.00 am to date 12/05/2022 at 17.00** pm or is being published on the website <http://www.zpratnagiri.org> and <https://ratnagiri.gov.in>
2. The lower signatory reserves the right to change the terms and conditions of the notice and to cancel the work at any stage without giving any reason.
3. Further action will be taken against the eligible technical consultancy institute as per the Annexure A.
4. Technical Consultancy will be selected who meets the requirements of Annexure "A"
5. No correspondence will be made with the technical consulting institutes who are disqualified in technical matters.
6. Regarding G.S.T. Government Resolutions, Government Circulars, Government Ordinances, Government Letters from time to time are applicable to the technical consulting institutes.

7. If the page number is not mentioned on the documents submitted, then the application form will not be accepted.

8. It will be mandatory to submit estimates and plans in stages within 1 month from the date of commencement of work order after surveying the water supply scheme.

9. Penalty in case of withdrawal from the tender competition: - If an Application is withdrawn from the empanelment at any stage then the committee has right to take punitive action against the concerned firm including blacklisting etc.

Terms and conditions of work.

A) Technical Work Experience / Eligibility:

1. Experience in preparation of Concept Estimates and Plans for tap water supply scheme for at least one village / town in Maharashtra Jeevan Pradhikaran / Zilla Parishad/Municipal Corporation/Nagar Parishad (Not below the rank of Executive Engineer/Chief Officer of Municipal council/Commissioner of Municipal Corporation)
2. The list of manpower like experienced geologist, civil engineers etc technical staff must be attached with the application.
3. The person/organization concerned for this work should be registered with M.J.P./ Z.P. / P.W.D. / Water Resources / CIDCO / MIDC and similar government agencies.
4. Resources for the survey work should be available to the concerned persons / institutions for this work (surveying instruments with vehicle etc. with proof of its ownership), list of available technical manpower, certificate of acceptance of following terms and conditions published, PAN card, income tax for the year 2021-2022. Filed return, Goods and Services Tax Registration Certificate must be attached.

5. As per Annexure A attached.

B) Scope of work: To conduct topographical/technical survey of retrofitting and new tap water supply schemes for 2021-22 and 2022-23 to be implemented by Zilla Parishad in Ratnagiri district under Jal Jeevan Mission program by Water Supply and Sanitation Department, Government of Maharashtra. Following will be the scope of work as per this EOI.

Sr. No.	Name of Activity
A	Satisfactory prefeasibility report, Completion of Survey Work and Draft DPR Submission.
B	Presentation (and compliances, if any during Tech. Scrutiny) and final DPR submission (after all compliances and signed by concerned Dy. Engineer) for obtaining Accordance of Technical Sanction and administrative approval.
C	work assistance services for Approval of tender and Issue of work order Process, Evaluation and Work Order

C) Payment and allotment of work:

1. Payment to the Technical consulting firm empanelled under this process will be made as per the guidelines of work order issued by the Hon. Mission Director, Jal Jeevan Mission vide letter no. 1154 dated 29.09.2021 and will be as per:-

Sr. No.	Name of Activity	Payment amount (in %of amount of sanctioned DPR cost)
A	Satisfactorily prefeasibility report and on Completion of Survey Work and Draft DPR Submission,	0.089%
B	Presentation and compliances, if any during Tech. Scrutiny and final DPR submission after all compliances and signed by concerned Dy. Engineer for obtaining Accordance of Technical Sanction and administrative approval.	0.443%
C	work assistance services for Approval of tender and Issue of work order Process, Evaluation and Work Order	0.295%

The work order will be issued for A+B or A+B+C as per the need felt by competent authority i.e. Hon. Chief Executive Officer, ZP Ratnagiri and will be binding on the firm.

2. The expenses will be borne by Jal Jeevan Mission in the year 2022-2023 and in the year 2023-24 under the Jal Jeevan Mission program from 5% support fund. As per the completion of stages of payment mentioned in B(1) payment will be made as per the bill raised by firm from time to time and with approval of Hon. Chief Executive Officer, ZP Ratnagiri.

3. Hon'ble Chief Executive Officer, Zilla Parishad Ratnagiri reserves the right to cancel the work at any stage / completely or to start work only for part of the work.

4. Demand Draft (DD) of Security Deposit at the rate of 2% of the amount of work order should be paid before the commencement of work order in the name of Executive Engineer, Rural Water Supply Department, Z.P. Ratnagiri.

5. A panel of Eligible technical consulting firms / Engineers will be formed who are ready to work in the entire district as per the approved rate for this work & accordingly the work orders will issued to the eligible firms from the panel. Before work order eligible firms have to sign an agreement on bond paper of Rs.500/-

6. After receipt of all applications, a review meeting plus presentation of all applications received under this EOI will be undertaken in Zilla Parishad, Ratnagiri by the following committee:-

1. Hon .Chief Executive Officer
2. The Additional CEO
3. PD, DRDA
4. Executive Engineer water supply plus any 2 Dy. Engineers
5. The Deputy CEO (WATSAN)
6. CAFO

Hon .Chief Executive Officer will have all rights with respect to the panel.

D) Terms & Conditions while preparing the DPR:

1. The contractor/consultant should frame/prepare the DPR within the minimum cost as well as cost/Capita criteria on ground reality. Otherwise self-explanatory technical note in support of hike or growth in estimated cost has to be submitted through the concerned Deputy Engineer.
2. It will be mandatory to take Trial Pits for excavation level / Strata Classification.
3. It will be the responsibility of the Technical Consulting Institution / Contractor to support the resolution of the issues present or raised in the presentation of DPR before the Technical Scrutiny Committee. During the whole process of technical and administrative approvals, the technical consulting firm / Contractor have to rectify the errors till the commencement of the work order. Also, it will be mandatory to fulfill the guidelines received from the government water supply department and the circulars / letters issued time to time by GOM
4. Taking Trial Pits at a distance of every 200 m & 500 m. of chainage in rising main & distribution main resp. with NoteCam App will be mandatory.
5. It will be mandatory to submit NoteCam photo of proposed source well site and reservoir site. If the well / reservoir site is with government, 7/12 or Gram Panchayat abstract 8 A and if it is a private place, then consent letter or registered documents (donation letter) is required.
6. Google Map showing proposed and existing appendages (A) indicates the proposed works in red & Green for existing works.
7. It will be the responsibility of the Technical Consulting Institutions / Engineers to inform concerned Sect. Engineer / Deputy Engineer at the time of survey and also to get their signature on the DPR / plan/estimate as checked by me.
8. When submitting the DPR / plan / estimate, it should include the following Drawing and The DPR in three copies after final approval to the DPR by Technical scrutiny committee at Government level, or Chief Engineer level will have to be submitted to div. Office.

9. The tenderer has to submit the information regarding the availability of surveying equipment like Total Station / DGPS / Auto level and it will be mandatory to conduct a survey by above equipment after certification.

10. Electrical connection: - Adequate provision should be made in the budget for electrical connection by estimating the distance between the place of origin and the place of existing power supply for electrical connection for the same of quotation from MSEDCL should be obtained by the agency. Provision of solar system off grid/on grid and metering in all new schemes should be made in the budget according to the availability of space& cost norms as per capita of JJM to mitigate operation cost.

11. Provision for trial bore and recuperation test of well to ascertain the yield of source should be kept in the estimate.

12. It will be the responsibility of the concerned technical consultant to get a copy of the source survey certificate from the private geologist available to the technical consultant and then counter signature from the district senior geologist or his representative. The following maps must be submitted in three copies.

a) Google Map

b) Key Plan/ Quarry chart

c) L Section of Rising Main with T.P. results at 200 m

d) Distribution Map with nodes

e) Flow Diagram

f) Well Excavation profile Drawing

g) Switch Room

h) R / Main L Section:- Horizontal / Vertical scale:- H-1cm = 30m, V -1cm = 0.50 m.

i) Any other drawing as per skill requirement

13. L/ Section of rising main should be at every 30 m. chainage with respective ground level

14. Soft copy of field book of survey and DPR / design / drawing should be submitted to div. Office and it will be the property of Zilla Parishad.

15. Source Certificate of Geologist Certificate of Origin Well Site Photo Cam Taking and Storage It will be mandatory to take a photo in the note cam of the proposed location for the tank and provide a map by recording both the locations in Google Map.

16. Lead Certificate will be mandatory.

17. The design should be based on the following:

a) According to the technical criteria in the CPHEEO Manual.

b) Distribution system should be designed with the help of Bentley / Epanet / Jaltantra software and make two zones as per requirements

c) Attach a design of economic size of rising main.

d) Design Storage tank (ESR/GSR) for 12 hours capacity.

e) Depending on the availability of power supply, Pumping Hours should be taken for 12 hours (55 liters per capita).

f) Water supply rate shall be strictly 55 LPCD.

g) In the design of the scheme E.S.R./G.S.R. & Pumping Machinery should be designed for forecasting population after 15 years and Rising Main & Distribution Main should be designed for forecasting population after 30 years.

18. Responsibility for technical accreditation rests with the respective technical service provider/agency/contractor.

19. While submitting detailed project report of the scheme, it is the responsibility of the concerned technical consultant to obtain the required documents from the Gram Panchayat as per the guidelines of Jal Jeevan Mission.

20 .The schemes should be designed as per the guide lines of JJM to provide potable enough water at the rate of 55 LPCD to each household through individual tap connections.

21. DPR will be required to submit in three sets after receiving technical approval.

22. For the proposed scheme, work of preparation of survey, design, plan and estimates will have to be undertaken on the basis of certification as recommended by the GSDA. If the source strengthening measure is recommended, its provision should be included in the DPR.

23. Commencement of the work of the survey and preparation of DPR / plan should be started by concern technical consultant after issuance of work order by Executive Engineer RWS Div. Z.P. Ratnagiri.

24. In the survey work it is necessary to go to the actual place and survey the relevant place in the village. This will include creating maps and plans, creating sub work wise design/concept. Taking at least 3 photographs showing the details of the place, submitting a Field Book (Soft and Hard copy), creating maps on Auto Cad and creating 3 color print outs with it. Also, all the components required for population forecasting must be prepared in 3 copies according to the CPHEEO manual and the prevailing guidelines of the Jal Jeevan Mission. The panel concerned will also be responsible for determining the results of trial Pits in this survey.

25. Upon receipt of the demand for survey, the priority of the works to be surveyed as per the demand will be decided by the concerned Sub-Divisional Engineer, Rural Water Supply Sub-Division. It will also be binding on the concerned consultant / organization to follow the instructions and orders given by the Sub Divisional Engineer Rural Water Supply Sub Division. It will be mandatory to undertake the survey work as per the priorities set by the water supply department.

26. Within 15 days from the receipt of the survey order of the scheme It will be mandatory to submit the DPR/Plan estimates with all necessary drawings documents etc. to the concern subdivision office.

27. Failure to take action within the prescribed time will result in penal action of Rs.200 / - per day. If the proceedings are not completed within 10 days after the

expiry of the term & conditions the deposit will be forfeited and the name of the person / organization will be removed from the panel and black listed.

28. The responsibility of carrying / returning machinery and equipment required for survey work at own cost on site will remain with the panel.

29. All data required for the survey and DPR should be brought from Gram Panchayat, Village Water Supply Committee and RWS sub division and division by the technical consultant itself.

30. To keep a separate level record while conducting the survey to take the necessary entries in it and it will be mandatory for the panel to create and submit a Field Book accordingly.

31. Levels taken while conducting the survey will be cross-verified by the concerned Deputy Engineer. Technical consultant/ Institution will not receive extra charges if resurvey is necessary.

32. Regular taxes will be recovered from the payment.

33. Right to take final decision on legal issues or disputes arising out of implementation of the scheme reserved to Hon. Chief Executive Officer Z.P. Ratnagiri will remain. And their final decision will be binding on those concerned.

34. The right to dismiss the panel and the organization at any time without any prior notice has been given to the Executive Engineer, Rural Water Supply Department, ZP Ratnagiri on the behalf of Hon'ble Chief Executive Officer, ZP. Ratnagiri will remain in agreement.

35. Payment will be made for the work done at the same rate as accepted in the EOI.

36. It will be mandatory to carry out Fly levels from GTS Bench Mark of Irrigation / Railway Department and carry out detailed survey of the scheme accordingly. Signed / Chief Executive Officer, Zilla Parishad, Ratnagiri.

Activity	Date
Date of tender release and uploading of NIT and Tender Documents (online) by mail	6/05/2022
Last date of downloading and submission of proposal (online) by mail	12/05/2022
Date of opening of Bid	13/05/2022
Date of uploading of list of qualified Bidders	17/05/2022

sd/---

Executive Engineer
Rural Water Supply Division
Zilla Parishad Ratnagiri

sd/---

Chief Executive Officer
Zilla Parishad Ratnagiri

Appendix 1

(Sample Affidavit (Rs.500 / - on stamp paper))

Affidavit

I ----- Years of age R/o ----- is the owner of this firm / company and is submitting application form for this job. I have made sure that the documents submitted with the application form are genuine, correct and complete, without any errors or omissions, and I swear that I agree with the following terms and conditions. If any misleading, false or incomplete information is found in these documents, I will be liable for legal action under the Indian Penal Code. By letter, I

1. If during the contract period I, my office or my staff provides /submits false information or false correspondence regarding bill, false information regarding purchase of forged material along with the payment to the Rural Water Supply Department Zilla Parishad. I will be liable for legal action under the Indian Penal Code.

2. If any of the documents found to be false / forged or fraudulent during the contract period and after completion of work till the date of final payment I will be liable for legal action under the Indian Penal Code.

3. If any information or documents are found to be false / forged, fraudulent or misleading at any time during or after the liability period after completion of work, I will be subject to legal action under the Indian Penal Code.

Signature / seal of the firm

ANNEXURE A

Selection Criteria:

The applicant should meet the following criteria of the technical consultancy organization / contractor and the head of the technical organization accompanying the proposal is proof of the following documents (signature and seal) and digital signature is mandatory.

Sr.No,	Particulars	Marks
1	Applicants should be registered with Technical Advisory Institution / Contractor at least 03 years in advance and should be attached with the registration letter.	10
2	Certified auditor's certificate for the last 03 years (2019-20, 2020-21 and 2021-22) combined turnover of 1.50 crore only (Rs. One crore fifty lakhs) of the applicant / contractor is required.	10
3	Technical Consulting Institution / Contractor PAN Card	10
4	Technical Consulting Institution / Contractor TAN Card GST Certificate	10
5	Last three years DPR preparation Work experience in water supply. 1) Up to 10 orders – 3 marks 2) Up to 20 orders – 5 marks 3) Up to 30 orders – 10 marks	10
6	Certificate of Auditor for the last 03 years Financial Turnover (Year 2019-20 2020-21 and 2021-22)	10
7	At least four page detailed report on work experience like survey, design, estimate, detailed project report etc. related to tap water supply scheme. (This should include the location of the work, the name of the project, the duration, the cost of the project, the manpower available for the work, the procedures used and the biodata of the main person of the project.)	10

8	The technology mentioned in the concept of technical concept of consultancy firm / contractor is mentioned by the government ८ १० Government Resolution, Circular, I.S. Code and C.P.H.E.E.O. It is mandatory to follow the guidelines.	10
9	It is mandatory to follow the guidelines regarding Minimum educational qualification of staff from technical consulting firm / contractor. Should be D.C.E. / B.E.(Civil.) Proof that the engineer has been working for the last 06 months is mandatory.	10
10	Technical manpower and resources available to technical consulting firm /contractor with names and experience.	10

The technical consulting agency / contractor/engineer will be selected through a selection committee who has obtained at least 75 marks in Annexure A.

सही/----

कार्यकारी अभियंता,
ग्रामीण पाणी पुरवठा विभाग
जिल्हा परिषद रत्नागिरी

सही/----

मुख्य कार्यकारी अधिकारी,
जिल्हा परिषद, रत्नागिरी