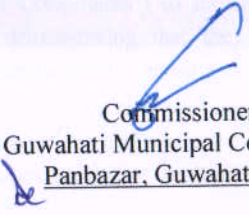




**OFFICE OF THE GUWAHATI MUNICIPAL CORPORATION
WATER WORKS :: PANBAZAR :: GUWAHATI-01**

SHORT NOTICE FOR EXPRESSION OF INTEREST (EOI)

Sealed Bids in two bid system (Technical & Financial) are invited as Expression of Interest (EOI) by the Commissioner, Guwahati Municipal Corporation from eligible consultants/firms for preparation of "Detailed Project Report (DPR) along with front-end engineering design, drawings, tender document and customizable design modules for "Up gradation of existing water supply from 4.5 MLD to 15 MLD scheme of Kamakhya Water Supply Scheme". The detail Bid Document is available in the Office of the Superintending Engineer, Water Works, Guwahati Municipal Corporation and may be collected from 1-11-2020 up to 17.00 Hr. of 17-11-2020. Bids are to be submitted separately (Technical & Financial) for each work to the office of the Superintending Engineer, Water Works, Guwahati Municipal Corporation on or before 14:00 hrs of 18-11-2020 and will be opened on the same day at 15:00 hrs.

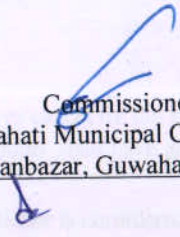

Commissioner
Guwahati Municipal Corporation
Panbazar, Guwahati - 01.

Memo. No: GWS/ 94/2018/767 - A

Date: 09.11.2020

Copy to:

1. P.A to the Administrator, GMC, for kind appraisal to the Administrator, GMC.
2. The Additional Commissioner, GMC, for information.
3. The Chief Engineer, GMC, for information.
4. The C.A. & A.O., GMC for information.
5. The Director of Information & Public Relation, Assam, Dispur, Last Gate, Guwahati for publication of the above IFB in two English & one Assamese daily newspaper preferably in a) The Assam Tribune, b) The Sentinel & c) Amar Asom.
6. The Superintending Engineer, Division-I, PHE, for information.
7. The Superintending Engineer, Water works, GMC, for information and necessary action.
8. Software Developer, GMC for uploading in the GMC portal.
9. Notice Board.
10. File.


Commissioner
Guwahati Municipal Corporation
Panbazar, Guwahati - 01.



OFFICE OF THE GUWAHATI MUNICIPAL CORPORATION
WATER WORKS :: PANBAZAR :: GUWAHATI-01

REQUEST FOR EXPRESSION OF INTEREST FOR CONSULTANCY SERVICES FOR PREPARATION OF DETAILED PROJECT REPORT (DPR) AND BID DOCUMENT FOR THE WORK

“Up gradation of existing water supply from 4.5 MLD to 15 MLD scheme of Kamakhya Water Supply Scheme”

Name of Project:

Up gradation of existing water supply from 4.5 MLD to 15 MLD scheme of Kamakhya Water Supply Scheme.

Estimated Cost: Rs. 33,66,00,000.00 (Rupees Thirty Three Crore Sixty Six Lakh) only.

Assignment Title: Selection of Consultant for preparation of detailed project report (DPR) along with topographical survey, front-end engineering design, drawings, tender document and customizable design modules for **“Up gradation of existing water supply from 4.5 MLD to 15 MLD scheme of Kamakhya Water Supply Scheme”**.

The Guwahati Municipal Corporation now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the services. The criteria for short listing of Consultants are:

- i) The Consultant should have sound financial performance and will have to provide average annual turnover for the last 3 years. (2017-18, 2018-19 & 2019-20). This shall be substantiated by submitting Balance Sheet and Profit & Loss Statement/Annual Report including declaration of Annual Turnover for the years duly attested by the Chartered Accountant.
- ii) The Consultant must have proven experience of successful completion of at least 4 similar assignments, out of which at least 2 shall be with Government departments/agencies/PSUs in the last 7 years to the last date of submission of EOI.
Submission of completion certificate for the same is mandatory. The completion certificate shall bear client's name and address, value of the work executed by the consultant, Start and end of the project.
Consultancy Experience in at least 1 completed or ongoing relevant project (Design, Drawing, survey etc. towards preparation of DPR & Bid document) in Water sector/Piped Water supply mega project of minimum 10 MLD capacity. (Work order or Completion certificate shall be enclosed).
- iii) The Consultant must have a multidisciplinary in-house technical team and expert staff available & shall submit the list and detailed CVs of key personnel likely to be deployed on the project.
- iv) Consultants may associate with other firms in the form of Joint Venture (JV) or a sub-consultancy to enhance their qualification.
- v) Nature of association whether Joint Venture or sub-consultant has to be clearly mentioned in the EOI and shall be substantiated by providing authorization letter in favour of the lead partner. The number of members in the JV shall not be more than 2.

The consultant shall note that:

1. Guwahati Municipal Corporation reserves the right to reject any or all EOIs or cancel for the subject package without assigning any reason whatsoever and in such case no bidder / intending bidder shall have any claim arising out of such action.
2. Issuance of Bidding Documents to any Bidder shall not construe that such Bidder is considered to be qualified.
3. Further information can be obtained at the address below during Office hours [10:00 hrs to 17:00hrs]
4. EOI must be submitted by hand or by post at the address furnished below. Last date of submission is ~~18-11-2020~~ **18-11-2020** upto 14:00 hrs. EOI received (either by hand or by post) after the date and time will not be entertained.
5. Successful consultants must sign an agreement in prescribed format with this division along with an earnest money of Rs.20,000.00 in the form of FDR/Bank Guarantee issued by a Nationalized Bank in favour of the Commissioner, Guwahati Municipal Corporation.

Commissioner
Guwahati Municipal Corporation

Terms of Reference for Consultancy Service for Preparation of Detailed Project Report (DPR) for Upgradation of existing water supply from 4.5 MLD to 15 MLD scheme of Kamakhya Water Supply Scheme.

Cost of tender document:

The tenderer shall purchase the tender document from the Office of Superintending Engineer, Water Works, Panbazar, Guwahati by paying Rs.2,000.00 (Rupees Two Thousand) only in cash as non-refundable tender document fees.

The Tender document is non-transferable.

A. PROJECT BACKGROUND :

The Commissioner, Guwahati Municipal Corporation entrusted to Upgradation of existing water supply from 4.5 MLD to 15 MLD for Kamakhya Water Supply Scheme. The project covers all the aspects of supplying raw water from river Brahmaputra with setting up of necessary infrastructure etc.

B. OBJECTIVE OF THE ASSIGNMENT:

The objective of the assignment is to prepare a DPR and Bid Documents for upgradation of the existing Kamakhya Water Supply Scheme from 4.5 MLD to 15 MLD by the Guwahati Municipal Corporation.

C. SCOPE OF WORK:

The scope of work is divided into four major tasks as below:

1. **Task A:** Pre-Feasibility Assessments– Reconnaissance, field investigations, Options identification.
2. **Task B:** Feasibility Assessment- Options analysis, justifying a final option, Preparation of Preliminary Design Report (PDR) for the selected option.
3. **Task C:** Detailed Engineering, Costing, Implementation Planning - Preparation of DPR.
4. **Task D:** Bidding Documents–Providing input for preparation of draft bid document and BOQ.

The Water Supply Project comprises of the following works:

1. Construction and design of Jackwell/Intake well/ Pump barge of capacity 15 MLD at river Brahmaputra near Intake point of Kamakhya Water Supply Scheme including approach bridge for laying of raw water pipe line.
2. Design of Raw water VT pump set for Jackwell/Intake well/Pump barge and Clear Water pump set for Treatment plant along with Power connections and electrifications.
3. Laying of DI raw water pipe line for drawing water from Intake point to the Treatment plant (approx. 500 mts. length) for conveying daily requirement of 15 MLD, including construction of lift trolley system/steps road from intake point to treatment plant along the side of the raw water pipe line as well as necessary earth work, supporting pillars, anchor & thrust block, required labour etc.
4. Construction of pre sedimentation tank having 1 hour retention provision at Intake point including site preparation, bank protection wall, staff quarter, pump house and other utilities.
5. Construction of aerator, clariflocculator, filter bed, clear water sump, pump house etc.
6. Construction of Clear Water Reservoir (UGR) near Bhubaneshari Mandir and Kamakhyatowship.
7. Laying of Clear water pumping main from treatment plant to reservoir.
8. Construction of road from Kalipur to Intake point.
9. Survey and design of existing as well as new Pipeline Distribution Network at Kamakhyatowship.
10. Construction of GRP/PS Elevated service reservoir (ESR) as required at various locations of Kamakhyatowship.
11. Full Maintenance of the scheme for 3 (three) years.

The Consultant has to take up the following activities for preparation of the DPR :

- i. Detailed Topographical Survey for various alternative routes for (A) Raw water Pumping main (B) Distribution pipe line network.
- ii. Detailed topographical survey work for the approach road to the intake station.
- iii. Liaisoning with necessary line departments like Pollution Control Board, CWC, Inland Water Transport, Water resource Department as and when required.
- iv. Preparation of detailed engineering (structural design etc. & detailed working drawings, including Mechanical & Electrical installation works thereof, for the complete project.
- v. Making detailed Bill of Quantities (BoQ) and preparation of complete cost estimate thereof in consultation with concerned officials.
- vi. Preliminary Draft Report (PDR) including all above from (i) to (iv) for checking by the Guwahati Municipal Corporation.
- vii. Final DPR after approval of the preliminary DPR by the Guwahati Municipal Corporation.

The consultant has to take the input from the departmental officials appropriately. The work shall be done in consultative manner with the departmental Officials as authorized by the Commissioner, Guwahati Municipal Corporation.

Task A:Pre-FeasibilityAssessments-

Reconnaissance, field investigations, Options identification

- Executing topographical survey and study the drawings, geotechnical reports and other relevant information including the water sources intake point, water demand, and the scheme boundaries etc.
- Undertake physical verification of the area proposed for inclusion in the Project to get a general understanding of the area and its features. Identify potential, sustainable water intake point, including the one tentatively proposed, if any.
- Study the existing water supply systems in the project area, including schemes that collect water from same source but supply other areas / meet other demands, the quality and quantum of water supplied through them, its sustainability etc. Water quality analysis report of existing water supply system has to be enclosed with Preliminary Project reports/Detailed Project reports.
- Study the power supply arrangements and availability in the area, interface of water and sanitation (e.g., drains, nallas, soakpits, sewers etc.) and potential risks which must be mitigated.
- Identify strategic locations that can be considered for reservoirs / pre sedimentation tank / pumping stations etc. Observe in the vicinity of proposed river sources with respect to existing water drawl structures, for identifying potential intake points, accessibility to them, river bank conditions required for planning for type of intake structure or for exploring partnerships with other water supply facilities to draw required water etc. Particular attention must be paid to identify sources of pollution of the source, lowest summer water levels and maximum flood levels which may be ascertained initially from the community and later confirmed.
- Based on this understanding, have a preliminary brainstorming on potential safe and sustainable sources, tapping points, issues of water quality and sustainability, potential routes for laying the trunk mains, potential locations for construction of facilities and land available for that etc. Discuss the size and scale of likely project, O&M requirements and responsibilities with the departmental officials as authorized.
- Undertake necessary pre-feasibility assessments to identify a basket of potential options of scheme layout and its features.
- Based on the above assessments and discussions with the Officials of Water Works, GMC, finalize the scheme boundaries, a list of potential intake point of the source and that must consider the following:
 - (i) Potential intake point of source, the quality of water and sustainability in different seasons with respect to demands. Water quality analysis report of proposed source will be enclosed with Preliminary Design Reports/Detailed Project reports.

- (ii) Location of intakes, Raw water pumping stations, trunk main routes and hurdles (railway/road crossing etc. if any);

In the above analysis, consider whether the facilities to be located near the source / away from it, whether gravity flow is feasible or pumping, optimal number.

- (iii) Identify at least top three options, do a pre-feasibility of techno-economics and implementation, and justify that they can be further assessed during feasibility stage.

This information will be presented to the Water Works, GMC, for information and necessary advice/instruction in this regard.

Present the above information in a Pre-Feasibility Report.

Base maps should be prepared covering all the population / areas under the Project. The base map shall contain different layers such as roads, water resources and important landmarks and public utilities, land use etc. The road map shall additionally show:

- (a) Existing water supply schemes: source bore well/open well/river/canal, details of intake works including pump stations (if any), transmission mains, water treatment plant, distribution layout with diameters and lengths, pipe materials, reservoirs – type and capacity and staging, house service connections, stand posts.
- (b) Road network: length and width of roads, road carpet details, road levels, culverts details etc.

Task B: Feasibility Assessments & Preliminary Design Report

For the top ranked three options:

- Carry out necessary further surveys and investigations to collect all the data in regard to hydrological, metrological, geological, geographical, to identify techno-economic-implementation feasibility, and in selection of sustainable intake point of the source with necessary provision, identification of land and its detailed required for pipeline alignment, assessment of land availability of preparation level schedule, required permissions from third parties etc. Topographical map to be provided.
- Undertake detailed techno-economic feasibility of the options, specifically with reference to the following:
 - (i) Optimizing the use of existing facilities and sources, through required rehabilitation measures (Action– Listing existing assets and facilities with details of service levels); Source sustainability, quality and optimal use in different seasons, and for reliable supplies; feasibility of construction of intake and water withdrawal facilities, with reliable power supplies. Identification of source threatening issues/ factors due to existing socio-economic infrastructure set up in the service area/ catchment area;
 - (ii) Location of pumping stations, inlet reservoirs of the project area, reduction of pumping;
 - (iii) Alternate routes of trunk mains, their sizing and phasing;
 - (iv) Avoidance of routes/locations requiring third party clearances/sensitive areas to the extent feasible, such as highways/railways/other obstructions such as rivers/nallas; forests / natural park etc.;
 - (v) Feasibility and reliability of dedicated power supply to key facilities;
 - (vi) Gaining optimal benefit from level, layout and soil conditions for location and construction of facilities;
 - (vii) Possibility of use of innovative technological options;
 - (viii) Avoidance/reduction of negative environmental and social impacts, avoidance/reduction of land acquisition; protection of public health and safety in relation to impact from the works;
 - (ix) Ease of implementation and O&M.

- The above analysis and technical detailing shall be done with respect to the key technical criteria listed in Annexure I. If any required criteria is not mentioned then relevant Indian or International Standards, common international practices or as agreed with the Client shall be followed.
- Identify the proposed technologies to be used for various facilities, with justification for use in the context of the scheme.
- Any data required for preparation of the DPR, same may be collected with discussion with the Water Works Officials as authorized.
- For the assessed options, estimate the capital and O&M costs, and compare them with the cost thresholds, if any, set forth under the project. If the cost of options goes beyond the thresholds, try to iterate the solutions to remain within the thresholds. If not feasible, justify thereasons.
- Present the information for the selected options in a Feasibility and Preliminary Design Report(PDR), with ranking and justification, with a recommendation of final option, supported by necessary details, drawings and maps.
- The assessment shall be presented to the concerned stakeholder(s), supported by summary reports and presentations, to seek feedback, if any; and going ahead with the final option for detailed engineering.
- The objective here is to orient the community to ensure that a final option is selected that is techno-economically feasible, and provides optimum benefits, cost economics, and O&M.
- The Consultant will submit the PDR along with design and drawings. After getting comments and suggestions and approval from the Client, the consultants will commence Task C.
- Indicate the details of land made available by the authority proposed to be used for execution of the project.

Task C: Detailed Engineering, Costing, Implementation Planning

Preparation of DPR, discussion and approval

a. Detailed Engineering:

- For the agreed final option, the consultant will undertake detailed engineering as per the technical standards referred earlier.
- Estimate design present water demand 15MLD, based on the information, and population projection / expansion rate for the service area, using appropriate projection methods with discussion with the concerned office.
- Ensure sustainability of source and assess efficient operation of source facilities for optimal use of water available and design the required measures
- Suggest undertaking further detailed surveys and investigations, if required. Acquire all additional data and information necessary to prepare the design that demonstrates that the Water Supply System meets the required Technical Standards. Consultant will carry out verification of the topographical survey data with GDPS instrument to validate the same and submit a report accordingly on completion.
- The Consultant shall design intake, sedimentation tank, sump, raw water transmission mains fulfilling the required standards.

b. Environmental and Social Assessments:

- Prepare necessary Environmental and Social Management Plans wherever applicable.
- Prepare necessary Water safety and security plan for the scheme.

c. Drawings:

- Prepare necessary architectural, civil, mechanical, electrical, general arrangement, structural drawings, sectional views fully annotated and dimensioned, for all structures, buildings, facilities and equipment of the items as listed in the Scope of Work. Refer to Scope of Work for detailed item specification.
- Separate drawings shall be prepared for: (i) source, for a scale of 1:500, (ii) key map / Index map for longitudinal section along pipeline route made to a scale matching to A0 size paper, (iii) the detailed drawings shall be in 1:200 scale plotted to A3 size paper, (iv) cross sections along pipeline routes for a scale of 1:200 plotted to A3 size paper, (v) key map / index map for road network within each GP to a scale matching to A0 size paper, (vi) the detailed drawings shall be in 1:200 scale plotted to A3 size paper.

d. Cost Estimates:

- DPR should be supported with appropriate cost estimates as below:
 - Capital cost:** Cost estimates shall be based on the bill of quantities derived from the drawings resulting from detailed engineering design. The rates shall be adopted from Schedule of Rates (SOR) of the State of Assam, as may be applicable. For the non SOR items the detailed rate analysis shall be attached. For the standard design items, the unit rate shall be devised from the cost estimate of one unit. The bought out non SOR items shall be based on the market rates substantiated by the quotations. The detailed specifications for procurement of such items shall be given.
 - Maintenance of the scheme:** Cost estimate for maintenance should be made in the DPR for a period of 3 (Three) years.
 - Operation and Maintenance Cost (O&M):** O&M cost, inclusive of manpower, maintenance and replacement of machinery and material, etc., should be made in the DPR for a period of 5 years and 10 years.

e. Procurement, Implementation and O&M Planning :

- Once the above work is completed, it is required to prepare the procurement methodology, based on the prescribed procurement guidelines under the project. This includes grouping of different facilities into suitable construction packages, identifying appropriate procurement method, assessing timelines for procurement and implementation, assessing cost of each package, identifying work to be done by public agencies (e.g., power facilities on deposit basis), identifying third party permissions, if any, required for each packages, identifying interlink-ages of work under each package, setting timelines and key milestones etc.
- For the overall facilities, assess the appropriate O&M arrangement, trial run etc.

f. Detailed Project Report:

- Compile the information in a Detailed Project Report consisting of designs including architectural; civil works; mechanical works; electrical systems, materials, operational processes, landscaping etc., drawings, detailed cost estimates, Environmental and Social Assessments and Management Plans (if applicable), contract packaging and implementation plans, O&M arrangements and such other elements as may be appropriate. Detailed estimates shall not have any lump-sum amounts and shall be in such a format that all items of the work have drawings and estimates so that BOQ can be prepared accurately.

g. Presentation to Community:

- Once the above information is ready, the Consultant will have to present a detailed summary to the concerned stakeholder (s) for improved understanding of the final methodology for implementation of the project and the arrangement of its maintenance.

Task D: Bidding Documents

Assist in Preparation of Draft Bid Document and BOQ

For the identified contract packages as mentioned in the ToR, prepare BoQs and assist the Client in preparation of draft bid documents as per prescribed standard format. Bid documents shall contain, specification drawings and technical specifications for all components/ items covered in the BOQ.

(i) Schedule of Deliverables

Task No.	Particulars	Activity	Time schedule
A	Pre-Feasibility Assessments	Reconnaissance, field investigations, Options identification	10 days
B	Feasibility Assessments & Preliminary Design Report	For the top ranked three options	15 days
C	Detailed Engineering, Costing, Implementation Planning	Preparation of DPR with EMP, Social Assessments presentation, discussion and approval Approval of DPR: Vetting of draft DPR by competent authority, redressal of technical short comings, errors compliance of queries in presence of field officers & consultant for time bound disposal. Preparation of Bid Document: Assist Client in preparation of biddocument Preparation of BOQ: The BOQ should be submitted in any mode as desired by competent authority/ concerned.	35 days.

(i) Duration of the Contract:

- Contract will be initially for 60 days (including mobilization period and waiting period for approvals and comments from the Client) which can be extended depending upon requirement and/or the performance of the consultant after midterm review if any.

(ii) Location of the Assignment:

- Location of the assignment shall be at Kamakhya hill top and existing intake point, Kamakhya, Guwahati, Assam.

A. Payment Milestones

50% Payment will be made after submission of Final DPR and balance 50% payment will be made after acceptance of the DPR by the competent authority and subject to availability fund in the respective head of account.

All the reports should be 7(seven) set of hard copies(all in colour print) and soft copies in CD

B. Team Composition for the Assignment:

Sl. No.	Position	Qualifications	Experience	Brief Job Description
1	Water Treatment Expert cum Hydraulic Expert cum Team Leader	Masters in Civil Engineering or BE/B.Tech in Civil Engineering	10 years in Project Planning, Design, implementation/ supervision, monitoring of Water Supply Systems including Water Treatment Plants. 15 years in Project Planning, Design, implementation/ supervision, monitoring of Water Supply Systems including Water Treatment Plants.	The team Leader is expected to play a key role in preparation of DPR He/ she should also be experienced in water supply projects management and performance evaluation of assets created in water supply projects.
2	Structural Engineering Expert	Masters in Structural Engineering or BE/B.Tech in Civil Engineering	5 years' experience in designs of large Water Supply Systems including Water Treatment Plants. 10 years' experience in designs of large Water Supply Systems including Water Treatment Plants.	Responsible for complete structural designs, drawings, and technical specifications for all the components of Water Supply Systems.
3	Mechanical Expert	Bachelor in Mechanical Engineering or relevant field	10 years' experience with at least 4 years' experience in designs of large Water Supply Systems including Water Treatment Plants.	Responsible for complete mechanical designs, drawings, and technical specifications for all the components of Water Supply Systems.
4	Electrical Expert	Bachelor in Electrical Engineering or relevant field	10 years' experience with at least 4 years' experience in designs of large Water Supply Systems including Water Treatment Plants.	Responsible for complete electrical designs, drawings, and technical specifications for all the components of Water Supply Systems.

5	Instrumentation Expert	Bachelor in relevant field	10 years' experience with at least 4 years' experience in designs of large Water Supply Systems including Water Treatment Plants.	Responsible for complete instrumentation designs, drawings, and technical specifications for all the components of Water Supply Systems.
6	Quantity Surveyor	Bachelor in Engineering or relevant field	10 years' experience with at least 4 years' experience as quantity surveyor in large Water Supply Systems including Water Treatment Plants.	Responsible for quantity calculation and preparation of BOQ for all the components of Water Supply Systems.
7	CAD Draftsman	Diploma in Engineering or relevant field	5 years' experience in drafting for the civil project and having good knowledge in Auto-cad and other standard software for drafting.	Responsible for making drawings as per ground reality and its correctness in proper scale.

Annexure 1: Design Parameters

The consultants shall calculate the physical sizes of the components to suit the water demand & Disposal.

1. The design horizon of the project shall be 30 years after commissioning.
2. All pipe works will be designed on the basis of a *Long Term Horizon* defined as the 2050 horizon.
3. Mechanical and electrical works for pumping facilities will be designed for the Short Term (2035) Horizon; associated civil works for the pumping facilities will be generally designed for the Long Term (2050) Horizon.
4. An outline design for the Long Term (2050) Horizon will be undertaken to demonstrate that the future works can be accommodated in the available land for the project.
5. Raw water pipelines shall be designed using a peak factor of 1.2 applied to the Long Term (2050) Horizon to cover peak daily demand.
6. The consultants shall determine the location and capacity of storage requirements and the capacity of the storage tank(s). Location of Reservoir shall be fixed as compatible with the project. Support the design with calculations of the diurnal demand for water to determine the reservoir sizes to meet the demand.
7. Type of valves: (a) Gate valves (b) BF Valves for Control of Inlet to ESRs and Control on Branches ; (c) Air Valves conforming to IS14845; and Dismantling joints will be provided for all Meters Gate valves and BF valves
8. The minimum raw water demand is 15MLD
9. The consultants shall aim at 24x7 water supply. The consultants shall design the entire water supply system as per applicable standards including Indian Manual on Water Supply and Treatment. The consultant shall further design the entire system for extra 15% of the design demand to compensate for loss in the network.
10. The consultants shall submit his Works preliminary design as a complete package for the review, comment, amendment as necessary and finally for the approval of the Client. As a minimum, the preliminary design documents and drawings shall cover the topics and items that follow.

Annexure 2: Evaluation Criteria for shortlisted Consultants

1. The Consultant shall have an experience of successful completion of similar assignments related to Engineering, Survey, Designing, Drawing, Estimation and preparation of DPR for Water Supply schemes under Government / Semi-Government / Undertakings in last 5 (Five) years for at least 5 (Five) projects, out of which the project cost should satisfy the following stipulation:

(a) At least One (1) Water supply schemes, preferably, Mega water supply scheme having project cost more than INR30.00Crore.

OR

(b) At least Two (2) Water supply schemes, preferably, water supply scheme having project cost more than INR15.00crore.

2. Previous experience of preparation of DPR on Water Supply Systems for projects assisted by organization like WorldBank / ADB / similar, in last 5 (Five) years shall be an added advantage.

3. The average annual turnover of the firm in last 3 (Three) financial years shall have to be submitted.

4. The Consultant shall have suitable software for designing of different components of the DPR like Intake Well Pumping Main/ Gravity Main, Treatment Plant, Over ground Tank, Overhead Tanks, Underground Tanks, Distribution Network Design (LOOP and Branched network / EPANET / any other suitable software), drawing etc. The Consultant shall have in-house infrastructural facility to develop AUTO-CAD mode drawings, design and preparation of report including estimation.

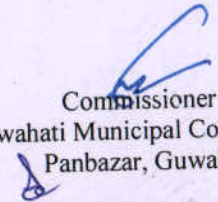
5. Consultants having exposure to different states / national level projects and familiarity with topography of North-East India shall be preferred.

Selection of Consultant:

The scoring criteria to be used for evaluation of the Technical bid shall be as follows:

Parameters	Max. Marks	Individual Qualifying Marks
a) Proposed methodology and work plan covering following aspects:- Past experience in carrying out similar projects. Projects carried out in India. Projects carried out overseas Details of one of the designed watersupply systems project. Concept of the proposed project alongwith time line for completion.	10	5
b) Experience of Experts: As indicated in B: Team Composition for the Assignment	60	30
c) Experience of projects of similar nature of assignment.	20	10
d) Experience in North-East India	10	5
Total	100	50

Minimum qualifying marks : 50


 Commissioner
 Guwahati Municipal Corporation
 Panbazar, Guwahati

FINANCIAL BID SUBMISSION FORM

Description of Work: Selection of Consultant for preparation of detailed project report (DPR) along with topographical survey, front-end engineering design, drawings, tender document and customizable design modules for "Up gradation of existing water supply from 4.5 MLD to 15 MLD scheme of Kamakhya Water Supply Scheme".

To,

Commissioner
Guwahati Municipal Corporation
Panbazar, Guwahati - 01.

Sir,

Having examined the bidding documents including addenda/corrigenda (if any), we offer to execute the works described above in accordance with the Conditions of Contract, Specifications, Drawings, if any and all other terms and conditions accompanying this Expression of Interest for the Contract of % (in figures), (in words) of the total estimated project cost.

This Bid and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Bid you receive.

We hereby confirms that this Bid complies with all the Terms and Conditions of the Tender documents.

Yours faithfully,

Bidders' authorized signature:

Name and title of signatory: _____

Name of Bidder: _____

Address: _____