

EXPRESSION OF INTEREST (EOI)

FOR

Services of a Consultancy Organisation

To

Provide full consultancy service for the project

**“Integrated Smart Drinking Water Supply to Basar Township
and peripheral settlements (1.60MLD) with Tourism components”**



**Public Health Engineering & Water Supply Department
Division: Basar**

August 2022

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1. TEXT OF ADVERTISEMENT:

**GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE EXECUTIVE ENGINEER :: PHE & WS DEPARTMENT
DIVISION::BASAR**

No. PHE/BT-1/20222-23/

Dated Basar, the 12th. August 2022

EXPRESSION OF INTEREST

On behalf of the Governor of Arunachal Pradesh the undersigned invites application from credible and reputed firms having experience in water supply and sewerage works for complete consultancy services for the proposed project “**Integrated Smart Drinking Water Supply to Basar Township and peripheral settlements (1.60MLD) with Tourism components**” containing details of qualification criteria, submission requirement, brief objective & scope of work and the evaluation criteria etc. may be obtained w.e.f 1000 Hrs onwards of 12th August 2022 from the office of the undersigned.

Sd/-
Executive Engineer,
PHE & WS Division,
Basar

No. No.PHE/BT-1/20222-23/

Dated Basar, the 12th. August 2022

Copy to:

1. The Chief Engineer, PHE & WSD, Eastern Zone, Namsai, for kind information please.
2. The Superintending Engineer, PHE & WSC, Bene, for kind information please.
3. PA to The Deputy Commissioner, Leparada District, Basar, for information please.
4. Office copy.



Executive Engineer,
PHE & WS Division,
Basar

2. BACKGROUND:

The project has been taken up in the state level empowered committee (SLEC) meeting under the chairmanship of Ld. Chief Secretary for approval and vetting of DPR/Technical reports on 11th July 2022, wherein it has been mentioned in serial no. A (ii).. The main motive behind this approach is to ensure uninterrupted water supply at the required rate and quality conforming to BIS:10500 standards while being powered by state of the art and energy efficient operating system.

3. SCOPE/OBJECTIVE OF THE CONSULTANCY SERVICE:

The consultancy services (“Services”) broadly include:

- i) Detailed survey.
- ii) Preparation of preliminary estimate.
- iii) Planning, structural design & analysis of components.
- iv) Preparation of detailed working estimate.
- v) Preparation of detailed drawings.
- vi) Monitoring, support and hand holding during execution of the project.

4. ISSUE OF EOI DOCUMENT:

The EOI document can be obtained from the Office of the Executive Engineer, PHE & WS Division, Basar on working days w.e.f **1000 Hrs of 12th August 2022 to 1200 Hrs of 26th August 2022 for Rs. 200/-** on payment in cash (non-refundable) being the cost of documents.

5. EOI PROCESSING FEES:

A non-refundable EOI processing fee for **Rs. 1500/-** (Rupees One Thousand Only) in the form of cash or a Demand Draft or a Pay Order drawn in the favour of **“The Executive Engineer, PHE & WS Division Basar”** may be submitted along with the EOI response.

6. VALIDITY OF EOI

The offer for EOI as per this document shall be valid for a period of 14 (Fourteen) days initially which may be extended further if required by the department.

7. PARTICULARS OF EXPRESSION OF INTEREST (EOI) DOCUMENT:

Sl No.	Particulars	Remarks
1.	Last date of submission of EOI	1200 Hrs 26 th August 2022
2.	Opening of EOI	1300 Hrs 26 th August 2022
3.	Venue for evaluation	PHE & WS Division, Basar

8. TERMS OF REFERENCE:

The detailed terms of reference are enclosed at **Annexure I**

9. INSTRUCTIONS TO THE CONSULTANTS:

The Expression of Interest is to be submitted in the manner prescribed below:-

- i) Applicants Expression of Interest as per Format – I
- ii) Organizational contract details as per Format – II
- iii) Experience of the organisation as per Format – III
- iv) List of three (3) experts/consultants on the payroll as per Format – IV
- v) Financial strength of the company as per Format - V
- vi) Additional information as per Format – VI
- vii) Declaration as per Format – VII
- viii) Power of attorney in favour of the Authorized Signatory with long and short signatures of the authorized person.

10. QUALIFICATION CRITERIA:

Following will be the minimum pre-qualification criteria. Each eligible consultant should possess all the following pre-qualification criteria. Responses not meeting minimum pre-qualification criteria will be rejected and will not be evaluated.

Sl. No.	Pre-qualification Criteria	Supporting Compliance
1	The applicant shall be a firm company/ Copy partnership/ proprietorship firm registered under the Indian Companies Act, 1956 the partnership Act, 1932	Copy of Certificate of incorporation
2	The firm should be in the business of providing similar consultancy services for at least 03 years as on 31/03/2022	Certificate by Company Secretary of the Bidder's organization
3	The Bidder has to be profitable and should not have incurred loss in any of the last 3 consecutive Financial Years (FY 2019-20, 2020-21 & 2021-22)	Format-5 to be certified & validated by Chartered Account (CA) of the bidder's organization

4	The Bidder should have an annual turnover of CA certified Rupees 25 Lakh in each of the last 3 years.	CA certified document with name of CA registration number, signature and stamp
5	The Bidder should have experience of providing: a) Three similar completed consultancy services to Central Govt./State Govt./PSUs/Govt bodies in India costing not less than Rs 20 Lakh each or. b) Two similar completed services costing not less than Rs.25 lakhs each or. c) One similar completed service costing not less than Rs.40 lakh	Copy of Work Order/ Contract
6	The consultancy firm should have at least 03 full time consultants on its pay rolls	Certificate by Statutory Auditor or Company Secretary of the Bidder's organization
7	The firm should not be blacklisted by any Central Govt./State Govt/PSU/Govt. Bodies	Certificate signed by the Authorized signatory
8	PAN No./Service Tax Registration Certificate	Copy of Certificate to be enclosed.
9	Preference will be given to agency/organization having prior experience in Review/Appraisal of Centrally Sponsored Scheme for any Central / State Govt./Govt. Autonomous Bodies	

11. EVALUATION CRITERIA AND METHOD OF EVALUATION:

- i) Screening of EOIs shall be carried out as per eligibility conditions mentioned in this document and based on verification of testimonials submitted.
- ii) EOI will be evaluated for short listing inter alia based on their past experience of handling similar type of project, strength of their man power, financial strength of firm and presentation/proposal to the selection committee, whose decision will be final.
- iii) Preference will be given to agency/organisation having prior experience in rendering complete consultancy services to similar type of project
- iv) PHE & WSD will take up references and reserves the right to pay due heed to the Bidder's performance elsewhere and any past experience from PHE & WSD.
- v) The price bids of only those agencies who have qualified the above-mentioned criteria shall be evaluated.

12. RESPONSE:

- i) Bidders must ensure that their Bid response is submitted as per the formats attached with this document. Special comments on the objectives and scope of the service projected in the enquiry may also be submitted along with the offer.
- ii) Application in sealed cover super scribed, as "**EOI for Engagement of Consultant for the proposed project “Integrated Smart Drinking Water Supply to Basar Township and peripheral settlements (1.60MLD) with Tourism components ”**"
- iii) Last date for submission of the applications is 26th August 2022 up to 1200 Hrs.

13. CONFLICT OF INTEREST:

- i) Where there is any indication that a conflict of interest exists or may arise, it shall be the responsibility of the Bidder to inform PHE & WSD, detailing the conflict in writing as an attachment to this Bid.
- ii) PHE & WSD will be the final arbiter in cases of potential conflicts of interest. Failure to notify PHE & WSD of any potential conflict of interest will invalidate any verbal or written agreement.
- iii) A Conflict of Interest is where a person who is involved in the procurement has or may be perceived to have a personal interest in ensuring that a particular Bidder is successful. Actual and potential conflicts of interest must be declared by a person involved in a Bid process.

14. CONDITION UNDER WHICH EOI IS ISSUED:

The EOI is not an offer and is issued with no commitment. PHE & WSD, Basar, reserves the right to withdraw EOI and or vary any part thereof at any stage. PHE & WSD, Basar, further reserves the right to disqualify any bidder, should it be so necessary at any stage.



Executive Engineer,
PHE & WS Division,
Basar

FORMAT-1

APPLICANT'S EXPRESSION OF INTEREST

To,

The Executive Engineer,
PHE & WS Division,
Basar

Sub: **Submission of Expression of Interest to render complete consultancy service for the proposed project "Integrated Smart Drinking Water Supply to Basar Township and peripheral settlements (1.60MLD) with Tourism components "**

Ref: No. PHE/BT-1/20222-23/

Dated Basar, the 12th. August 2022

Dear Sir,

In response to the Invitation for Expressions of Interest (EOI) published on for the above purpose, we would like to express interest to carry out the above proposed task. As instructed, we attach 2 sets of the following documents in separately sealed envelopes and one soft copy:

1. Organizational Details (Format-2)
2. Experience in related fields (Format-3)
3. List of experts/consultants on payroll at least 3 (Format-4)
4. Financial strength of the organization (Format-5)
5. Additional information (Format-6)
6. Declaration (Format-7)

Yours sincerely,

Name & Signature
Name of Organization
with seal

**Note: This is to be furnished on the letter head of the organization.

FORMAT-2

Sl. No	Particulars	Details
1	Name of Organization	
2	Main areas of business	
3	Type of Organization Firm/ Company/ partnership firm registered under the Indian Companies Act, 1956/ the partnership Act, 1932	
4	Whether the firm has been blacklisted by any Central Govt./State Govt./PSU/ Govt. Bodies/Autonomous? If yes, details thereof	
5	Address of registered office with telephone no. & fax	
6	Address of offices	
7	Contact Person with telephone no. & e-mail ID	

Enclose:

1. Copy of Certificate of Incorporation.
2. Copy of Article of Association in respect of 3 above.
3. Undertaking in respect of 4 above.

Signature of the applicant
Full name of the applicant
Stamp & Date

FORMAT-3

EXPERIENCE IN RELATED FIELDS				
Overview of the past experience of the Organization in all aspects related to Brand Building related				
Sl. No	Items	Number of Assignments during last 5 years	Order Value of each assignment in Lakhs of Rs. (Enclose copy of each order)	Mention the name of Client/Org. (Enclosed completion certificates)
1	Experience of assignments of similar nature			
1.1	Experience in carrying out similar assignment in Government			
1.2	Experience in carrying out Similar assignments in public sector			
<p>Decision of Evaluating Committee in ascertaining “similar nature” and “similar assignment” will be final.</p> <p style="text-align: right;">Signature of the applicant Full name of applicant Stamp & Date</p>				

FORMAT 4

LIST OF EXPERTS/CONSULTANTS ON PAYROLL (MINIMUM 3)				
Sl No.	Name	Designation	Qualification	Relevant Experience
1				
2				
3				
4				
5				
6				

Signature of the applicant,
Full Name of the applicant,
Seal and Date

FORMAT-5

FINANCIAL STRENGTH OF THE ORGANIZATION					
Sl. No.	Financial year	Whether profitable YES/NO	Annual net profit (Rs.in lakh)	Overall annual turnover (Rs. In Lakh)	Annual turnover from only Consultancy services rendered in India (Rs. In Lakh)
1	2019-20				
2	2021-22				
3	2022-23				
Note: Please enclose auditor's certificate in support of your claim.					

Signature of the applicant
 Full name of applicant
 Stamp & Date

FORMAT-6

ADDITIONAL INFORMATION		
1. List all enclosures related to the previous sections.		
Sl No.	Description	No. of pages
2. Additional information to support the eligibility as per Section 7 (Not more than 2pages).		
Signature of the applicant Full name of applicant Stamp & Date		

FORMAT-7

DECLARATION

We hereby confirm that we are interested in competing for the rendering consultancy service for the project **“Integrated Smart Drinking Water Supply to Basar Township and peripheral settlements (1.60MLD) with Tourism components ”**

All the information provided herewith are genuine and accurate.

Authorized person's signature

Name & Designation:

Date:

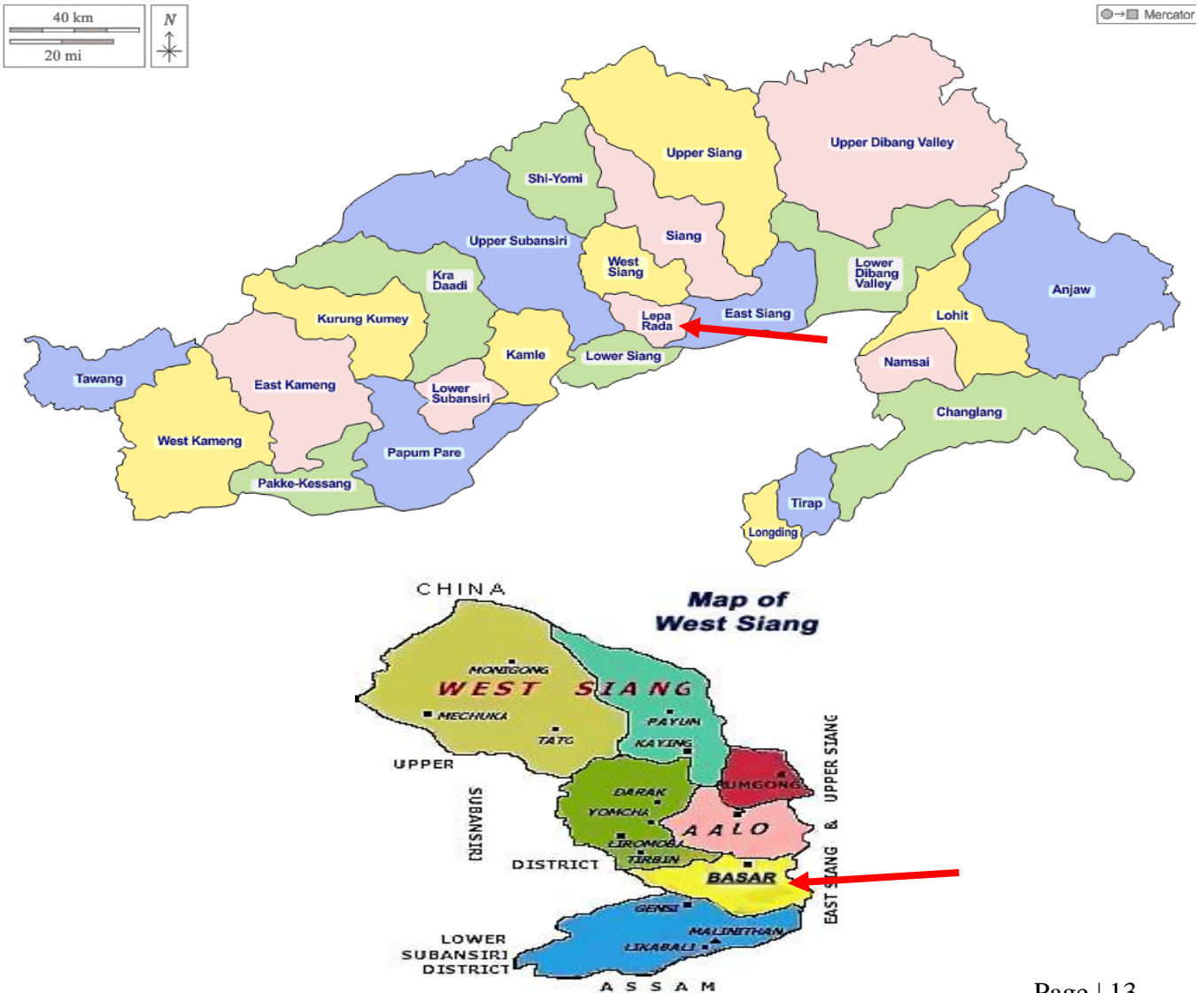
****Note:** This declaration is to be furnished on the letter head of the organization.

ANNEXURE I

1. The Project Area

Basar is a census town and the headquarters of Leparada District in Arunachal Pradesh. It is one of the oldest town in the State. The “Galos” are the predominant tribe in Basar township who belong to the mongoloid race of Indo-Tibetan stock. Basar township boasts of many streams, lush green valleys, sprawling forest area making it one of the most serene in the entire state. It acts as the gateway for tourist attractions like Mehchuka, Aalo, Tato etc. Beside the urban population, Basar township also hosts the ITBP by acting as one of the largest transit camps for paraforce. Due to the development of road connectivity in the recent years, Basar township has upgraded itself into a major business hub of the state. Furthermore, the influx of tourists from nearby state has also increased exponentially in recent years.

Location of Basar Town in Arunachal Pradesh Map



AERIAL VIEW OF TEZU TOWNSHIP



Google Map of Basar Township



2. Salient Features of Lower Basar township

- Name of the Town : Basar
- Name of the District : Leparada
- Coordinates : N 27° 55' 39.72'' & E 96° 9' 11.88''
- Altitude : 635 m AMSL
- Current Population(water to be provided) : 3560+719 = 4279 Nos.
- Precipitation : 425 mm annually
- **Proposed Gravity WTP site**
- Coordinates : N 28° 02' 04.49'' & E 94° 40' 27.28''
- Altitude : 738 m
- **Proposed Gravity based Intake Point**

1. Coordinates : N 27° 56' 25", E 94° 39' 27"

- Altitude : 836 m

- **Source of water:**
 - a. **Existing**

Source Name	Source Type	Discharge during the leanest period (MLD)
Gachi-Gete	Gravity	1.92
		-

- **Details of the components of water supply system:**

- i. **Existing**

- a. NIL

- ii. **Proposed**

- 1. (Main Feature)

- a. Gravity Based WTP:

- Approach path to Head work from Galu village.
 - RCC Drop inlet headwork
 - Pre-Sedimentation tank
 - Girdar Bridge for pipe river crossing
 - Sedimentation tank
 - Aerator
 - Design & Construction of Sludge Pit & Sludge Disposal System at WTP
 - Clariflocculator
 - Pressure filter
 - Coagulant and disinfectant dozer.
 - CWR
 - HDPE pipes and SCADA compatible valves.
 - Supply of Solar based complete UV (Ultra Violet) System
 - Zonal tanks – 8 nos
 - Raw water mains and distribution networking system

- 2. Proposed Additional Features:

- WTP Area Recreational and park Development
 - Office cum conference hall
 - Zip Lines
 - Cafeterias
 - Children’s park & Jogger ‘s park
 - Parking lot

- Hot water swimming Pool.
- Rock climbing wall
- Arboriculture & landscaping
- Tree houses
- Suspension bridge with gazebo

- **Distance of source from Town (in km):**

i. Gravity : 11 Kms

- **Implementation period**

i. Year of commencement : 2022-23

ii. Year of completion and commission : 2023-24

- **Whether the town has the specific problem of**

i. Excess Salinity : No

ii. Excess Fluoride : No

iii. Excess Iron : No

iv. Guinea worm : No

- **SPECIFICATION**

The work shall be carried out as per specification of CPWD works manual and CHPEEO Guidelines with up to date amendment.

3. Connectivity

- **Road**

Basar has a good road connectivity, it is connected by National Highway 13.

- **Railways**

The nearest railway stations are Silapathar (102 Km) and Dibrugarh (180 Km).

- **Airways**

Basar can also be accessed through air connectivity. Pasighat and Dibrugarh are the nearest airports.

4. Need for Augmentation

Water is currently supplied to Lower Basar township from Pagi, Hide and Heere sources at a rate of 0.92 MLD during the leanest period. The current population including the floating population of the Lower town and its peripheral settlement is around 4279 Nos. The demand of the town and nearby villages considering domestic demand and institutional demand of schools, offices, hospitals and other establishments, is likely to shoot up to 2.52 MLD at the end of the design period of 30 years. Hence, the deficit likely to be faced by the town and nearby area. at the end of the design period considered in this estimate is around 1.60 MLD if no augmentation program is undertaken. The existing distribution network has also outlived its design period and is inadequate to supply water at a required rate thereby reducing the already insufficient water availability in the water treatment plant. The existing treatment system is also based on old conventional methods which are proving to be incapable to treat water with high turbidity during monsoon season. Further, the current source from which water is tapped for Basar Township and nearby area is depleting rapidly and the discharge of the source depletes to such a level during lean period that water availability becomes an issue in many pockets of Lower Basar township and its peripheral settlements. Taking into consideration of all the above-mentioned issues, this scheme has been proposed to address the water scarcity in Lower area of Basar town and nearby villages

POPULATION PROJECTION & WATER DEMAND					
Sl No.	Period	Year	Population of Lower Basar Town and its peripheral settlement	Avg. Water Demand @ 135 LPCD (MLD) + wastages etc	Shortfall (MLD)
1	Present	2021-22	4279	1.14	0.22
2	Intermediate	2035-36	6127	1.63	0.71
3	Future	2051-52	9500	2.52	1.60

5. Existing Water Supply System

Existing water supply to Lower portion of Basar township is being supplied from Bur Abu stream which was executed many years back. The present water supply system has outlived its design period. The G.I. pipe main line and distribution network are in dilapidated condition.

6. Baseline information in terms of population.

The Present population of Lower Basar town and peripheral settlement is 4279 Nos. The project under consideration takes into account initial period as 2021, intermediate as 2035 and the ultimate period as 2052. Population forecasting was arrived at by using the the decadal growth rate of the state which is 26%. The population forecast is based on the base line survey of 2019 conducted by the Deptt. Of Urban Development and Housing endorsed by the District Administration. The survey was conducted by PHE Department by engaging self-help groups.

7. Climatic Condition

The average altitude of Lower Basar town is 615 meter above MSL. It has humid sub- tropical monsoon climatic. The annual rainfall is 4250 mm (approximate). The precipitation follows the monsoon pattern. The rain bearing monsoon winds bring about 80% of the rainfall. The temperature of Basar is moderate and varies from 4° C to 38°C.

