Provincial Government
Ministry of Physical Infrastructure Development
Transport Infrastructure Directorate
Gandaki Province
Pokhara, Kaski

Expression of Interest (EOI) Document for Shortlisting of Consultants and Consulting Services

Procurement of Consulting Services (National Consulting Services) For Feasibility Study, Detailed Engineering Survey, Soil Investigation, Detailed Design and Report Preparation of Different Bridges

EOI: TID/GP/BD/CS/2075/76-03

Office Name : Transport Infrastructure Directorate, Gandaki Province

Office Address: Pokhara

Issued on: 23 Dec 2018

Abbreviations

CV	-	Curriculum Vitae
DO	-	Development Partner
EA	-	Executive Agency
EOI	-	Expression of Interest
GON	-	Government of Nepal
IDO	-	Infrastructure Development Office
MoPID	-	Ministry of Physical Infrastructure Development
PAN	-	Permanent Account Number
PPA	-	Public Procurement Act
PPR	-	Public Procurement Regulation
TID	-	Transport Infrastructure Directorate
TOR	-	Terms of Reference
VAT	-	Value Added Tax

Contents

A. Request for Expression of Interest

Provincial Government
Ministry of Physical Infrastructure Development
Transport Infrastructure Directorate
Gandaki Province

(Date of Publication: 23rd December, 2018)
Request for Expression of Interest

1. Ministry of Physical Infrastructure Development (MoPID), Transport Infrastructure Directorate (TID), Gandaki Province has allocated fund toward the cost of **Feasibility Study, Detailed Engineering Survey, Soil Investigation, Detailed Design and Report Preparation of 3 packages of Bridges (TID/GP/BD/CS/2075/76/01,02 & 03)** and intends to apply a portion of this fund to eligible payments under the Contract for which this Expression of Interest is invited for National Consulting Service.
2. The TID**,** now invites Expression of Interest (EOI) from eligible consulting firms ("consultant") to provide the Feasibility Study, Detailed Engineering Survey, Soil Investigation, Detailed Design and Report Preparation of Bridges. In their covering letter the applying firms must indicate the package numbers for which they intend to submit Proposal. The proposed list of bridges and packaging information is given in Appendix II of EOI document.
3. Interested eligible consultants may obtain further information and EOI document free of cost at the address TID**,** Gandaki Province, Pokhara during office hours on or before **6th January 2019** or may download EOI from the website: www.mopid.gandaki.gov.np.
4. Consultants may associate with other consultants to enhance their qualifications.
5. Expressions of interest shall be delivered manually on or before **12 Hrs. of 7th January, 2019.**
6. In case the last date of obtaining and submission of the EOI documents happens to be a holiday, the next working day will be deemed as the due date but the time will be the same as stipulated.
7. EOI will be assessed based on Qualification of experts 30 percent, Experience of firm 50 percent, and Capacity of firm 20 percent of consulting firm. Based on evaluation of EOI, only shortlisted firms will be invited to submit technical and financial proposal through a request for proposal. The Qualification Criteria are provided in Appendix I of EOI.
8. Minimum score to pass the EOI is 60**.**

B. Instructions for submission of Expression of Interest

1. Expression of Interest may be submitted by a sole firm or a joint venture of consulting firms and the maximum number of partners in JV shall be limited to three.
2. Interested consultants must provide information indicating that they are qualified to perform the services *(descriptions, organization and employee and of the firm or company, description of assignments of similar nature completed in the last 7 years and their location, experience in similar conditions, general qualifications and the key personnel to be involved in the proposed assignment).*
3. This expression of interest is open to all eligible consulting firms.
4. The assignment has been scheduled for a period of **4.0 Months**. Expected date of commencement of the assignment is 7 days from signing the contract.
5. A Consultant will be selected in accordance with the **Quality and Cost Based** method.
6. Expression of Interest should contain following information:
   (i) A covering letter addressed to the representative of the client on the official letter head of company duly signed by authorized signatory.
   (ii) Applicants shall provide the following information in the respective formats given in the EOI document:
      - *EOI Form: Letter of Application (Form 1)*
      - *EOI Form: Applicant's Information (Form 2)*
      - *EOI Form: Work Experience Details (Form 3(A), 3(B) & 3(C))*
      - *EOI Form: Capacity Details (Form 4)*
      - *EOI Form: Key Experts List (form 5).*
7. Applicants may submit additional information with their application but shortlisting will be based on the evaluation of information requested and included in the formats provided in the EOI document.
8. The completed EOI document must be submitted on or before the date, time and address mentioned in the **"*Request for Expression of Interest*".** In case the submission falls on public holiday the submission can be made on the next working day. Any EOI Document received after the closing time for submission of proposals shall not be considered for evaluation.
9. Interested consultants must submit proposal separately for each package.

C. Objective of Consultancy Services and TOR

Terms of Reference (ToR)

1.0 Background

The Ministry of Physical Infrastructure Development, Transport Infrastructure Directorate, Gandaki Province, Pokhara, Kaski, Nepal (herein after referred as "TID"), intends to utilize services of engineering consulting firms well experienced in the fields of survey and design of road & bridge engineering, river training works, environment aspects etc. for providing engineering consulting services for **Feasibility Study, Detail engineering survey, Soil Investigation and Detail Design work including cost estimation of bridges** of the following bridges in **Package 3**.

Package TID/GP/BD/CS/2075/76-03

S.N.	Bridge project name	Name of road/Address	District	Tentative Type
1	Seti Nadi bridge	Damauli-Bishghare-Jhaputar	Tanahun	PSC
2	Dropadi khola bridge	Ghiring GP 1 Khumling pattar	Tanahun	RCC
3	Seti river bridge	Nagldighat	Tanahun	PSC
4	Seti river bridge	Masdi ghat	Tanahun	PSC
5	Kerunga khola bridge	Kawasoti 9-10, Trivuwan tar	Nawalparasi	
6	Girbari khola bridge	Durge-baireni road (Deurali-Hupsekot Agricultural Road)	Nawalparasi	PSC box
7	Armadi khola bridge	Triyasi-ratne road (ramse-kasedi)	Syangja	RCC
8	Gaurighat bridge	Galyang NP	Syangja	RCC

Note : The name and no. of bridges may be changed as required.

The physical parameters of the bridge shall be determined in accordance with the category of the road and/or any other specialties of the project.

2.0 Objective

Objective of this job is to design a safe, reliable and cost effective bridge using the appropriate technology. **The design of bridge shall be at least of Intermediate Standard as per Nepal Road Standard (NRS) and special design consideration shall be made as per the site condition (e.g. cable stayed bridge, composite bridge etc.)**. The bridge is to be designed considering the availability of skilled manpower, construction material, condition of accessibility and other prevailing working conditions.

3.0 Scope of Services

The scope of work within the consulting services shall be to achieve the objectives as delineated in Para 2 above and comprise of the following:

- Review and Study of norms followed, design criteria and bridge design of the existing motorable bridges,
- Develop planning and implementation modality focusing on the community approach,
- Detail survey, design, hydrological analysis, soil test and cost estimate of the assigned bridge and causeway,
- Preparation of Documents for Users and Bidding purpose,
- Quality control plans of procurement of bridge and causeway materials,

- Recommend required Technical and Social Organizational Support to the TID and Community to plan and implement during the construction.
- Support to the TID/Infrastructure Development Offices (IDO) during the layout of the bridge construction.

3.1 Desk study:

A desk study should be carried out, collecting all data, maps and information relevant to bridge design and reviewing for planning of further field survey and investigation works as well as detailed design.

3.2 Detail Engineering Survey and Design

Detailed engineering survey shall include the following:

3.2.1 Technical Feasibility study:

It should include reviewing the available data, collecting, reviewing and analysis of field data to be used in the study and conducting analysis to decide upon the technical feasibility of the bridge sites and causeway. A cost comparison of different types of bridge shall be made and discussed with the TID/IDO staffs before proceeding to bridge site for soil investigation.

3.2.2 Geological and Geomorphologic study:

In this study the following points related to the river, its catchment area and all the considered bridge sites should be studied in detail.

(i) Topography
(ii) Nature and structure of the surface soil
(iii) Nature and structure of local as well as regional geology
(iv) Other information as needed.

3.2.3 Topographical Survey

The topographical survey with fixing of reference point and bench mark of the area should cover a minimum distance of **500 m** upstream, **250 m** downstream and **100 m** from the river banks on either sides of the river at the proposed bridge site. The Topographic map should show the following:

(i) Contours at 0.50 m interval.
(ii) Flood lines on either sides of the river in the entire area surveyed.
(iii) Lines with spot levels along which the bed slope of the river is taken
(iv) Both banks of the river
(v) Lines along which cross section of the river is taken
(vi) Govt. and/or public establishments
(vii) Traverse lines, benchmarks reference lines and/or points with respect to which the present top map is prepared.
(viii) The angle and direction of skew, if the bridge is proposed to be aligned skew.
(ix) The Names of the nearest identifiable villages/towns etc. in either ends of the bridge.
(x) Other information relevant to design, construction and/or maintenance of the bridge.

3.2.4 Hydrological Study

For determination of all design data the consultant shall carry out a detailed hydrometrical survey and hydrological study of the river and bridge site, which shall include the following:

(i) Measurement of the catchment's area of the river up to bridge site and possibility of change of the catchment's area.
(ii) Length of the river from origin up to bridge site
(iii) Possibility of change of catchment
(iv) Nature, size and quantities of debris carried by the river
(v) Intensity, duration and distribution of rain in the catchment
(vi) Vegetation, cultivation etc. of the catchment.

(vii) Existence of reservoir's, Lakes etc. in the catchment.

(viii) Existing bridge or other hydraulic structures across the river in the vicinity of the proposed bridge site with their details as much as possible.

(ix) General slope of the river from the critical point (origin) of the river up to bridge site and general slope of the catchment in both sides of the river.

(x) Cross sections covering 100m beyond flood lines of the river at proposed bridge site, at about **500m**. u/s and about **250m** d/s. Wherein HFL, LWL, LBL, area of the cross section, wetted perimeter and geological profile with silt factor of each strata (at proposed bridge site only) shall be indicated. (Horizontal and vertical scale of the cross section shall be the same.)

(xi) Bed slope of the river which shall cover 500 m on upstream and 250 downstream from the bridge axis.

(xii) Maximum discharge calculated by established formulas with different return periods and the peak discharge observed over a period of 100 years.

(xiii) Velocity and depth of flow at the time of survey.

(xiv) Shifting of the river in the past at proposed bridge site and in its vicinity.

(xv) Other information required for river control, design, construction and maintenance of the bridge.

(xvi) Type of proposed foundation and Sub-Structure.

(xvii) River Training and approach Road.

(xviii) Scour Depth and Maximum scour depth.

Specific works for causeway but not limited to:

i. Structure Survey

- Establishment of Bench Marks (BM) and other reference points.
- Taking the spot levels of grid points at the interval of 2-5 m.
- Taking levels along the streams and rivers which cross the road alignment.
- Take notes on geographical details of all gullies and depressions.
- Take notes on hydrological details of streams and rivers.
- Take necessary measurements as per the type of structure proposed.
- Sketch the catchment area.

ii. Structure Design and Reporting

- Calculate and plot the reduced ground levels of grid survey;
- Draw the contours;
- Design the most economical structure which serves the purpose;
- As per the engineering design, prepare the construction drawings by indicating all dimensions and details;
- Prepare the reinforcement drawings and bar bending schedules;
- Prepare the Bill of Quantities;
- Analyze the rates;
- Prepare the cost estimate;
- Prepare the Abstract of Cost, Material and Labour Schedules, etc.;
- Prepare the project report: Section II by including the documents (designs, drawings, BoQs, cost estimates and others) prepared for structures.

3.2.5 Seismological Study:

The consultants shall collect and refer to the available data regarding the seismic records of the area. Seismic Forces: According to the Indian Standard Criteria for Earthquake Resistant Design of Structures, IRC: 6 may be followed.

3.2.6 Consideration on Environment Protection

The consultant shall predict damages by carrying out Initial Environment Examination (IEE) to the Environment and attempt to mitigate or minimize the damages by choosing appropriate site, cross-section, type of structures etc. and suggest appropriate measures in the design for protection of surrounding Environment. The environmental policies, Environmental Protection Act and Environmental Protections Rules should be followed.

3.3 Subsurface Exploration

Before starting the subsurface exploration, the Consultant shall discuss the collected hydrological data and the following points with concerned Person of TID/IDO for final decision of the bridge and causeway sites:-

(i) Design discharge
(ii) Scour depth, Maximum Scour depth
(iii) Linear waterway needed to be provided
(iv) Anticipated soil condition for foundation
(v) The most feasible proposed bridge site
(vi) River- training & approach roads.
(vii) Type of proposed foundation, substructure and superstructure.

3.3.1 Test pits and auguring

Test pits and auger-holes in the riverbed to a depth as mentioned in the table below for determining the mean particle size of riverbed materials in each layer.

3.3.2 Bore-holes, field tests and laboratory tests

The properties of the underlying soil are determined by field and laboratory tests of the soil samples obtained from the bore holes drilled to a depth as mentioned in the next section and/or the Bill of Quantities. As far as possible, the locations of the boreholes shall be under each abutment and piers. Generally the following tests are conducted for determination of soil properties:

SN	Type of test	Frequency
1	Undisturbed Soil Sampling	at least 2 at each borehole
2	Standard Penetration Test	as required but the interval not less than 1.5 m
3	Grain size analysis	at least 2 at each borehole
4	Hydrometer analysis	at least 2 at each borehole
5	Moisture content	at least 2 at each borehole
6	Bulk and dry density	at least 2 at each borehole
7	Unconfined compression test	at least 2 at each borehole
8	Consolidation test	at least 2 at each borehole
9	Direct shear test	at least 2 at each borehole

3.3.3 Depth of soil exploration

Boreholes each to a depth as explained below at possible locations and abutments with conduction of SPT, the no. of SPT as mentioned above with suitably distributed over the depth of borehole.

The depth of soil exploration from ground level shall be as follows:

SN	Type of soil	Governing depth
1	Silty, sandy, clayey soil	4 times the design scour depth, or 1.5 times the least dimension of the foundation footing, or 20 m,

		whichever is maximum
2	Granular soil (gravels, boulders	2.5 times the design scour depth, or 1.5 times the least dimension of the foundation footing, or 16 m, whichever is maximum
3	Rocks (soft or hard)	Not exceeding 8 m.

Depth of soil exploration done must be certified by TID for each bore hole and samples of soil (about ½ kg) found in each stratum i.e. each borehole should be submitted in the plastic bags duly labelled as TID**,** Gandaki Province along with the Package ID and name of bridge for the record.

The above mentioned depths are indicative. The Consultant shall decide the actual required depth of soil investigation according to the field condition and design parameters. But in any case the Consultant shall be paid only up to the depth as agreed by the Consultant. If rock is found at the beginning or at mid-depth then the drilling works shall not exceed the depth as mentioned in the table above. In such case the payment shall be made only for the actual depth.

For example, if rock is found at a depth of 12 m. and if the maximum required depth is 16 m, then drilling shall continue only for further 4 m., and the payment shall be done for 16 m. If rock is exposed on the surface then drilling shall be done up to a depth of 8 m., and the payment shall be done for 8 m. But if the thickness of rock at the surface is 6 m then the drilling shall continue further to the required maximum depth.

3 .4 Analysis of Data, Conclusion and Recommendation of Design Parameters.

Based upon the above mentioned studies and investigations the consultants shall make the best use of their technical know-how and professional skill to arrive at and recommend the most cost effective design parameters. The consultant shall discuss in detail at least three different options and shall recommend the most appropriate option.

3.5 Detailed design and quantity/cost estimates

The consultants shall produce detailed quantity estimate of the bridge and its accessories. They shall collect information on sources of materials and their lead distances and prepare rate schedules and cost estimates based on the standard norms and prevailing district rates.

The bridge shall be designed to meet the **Nepal Road Standards (NRS)** and **MoPID** recommended geometric standard as far as practically feasible in view of constructability, cost and land acquisition.

The design shall include and establish basic norms for rural road bridge, i.e., live load, carriage way width, one way or two way traffic, speed limitation, return period for design discharge, high flood level and water way width of the river etc. establish rational high flood level, free board and water way width as per agreed return period including methodology for its determination, establish most optimum bridge geometry having least dynamic adverse effect and most cost effectiveness, establish foundation design parameters including methodology for its determination, fix the position of the bridge foundations including methodology for its determination, carry out detail investigation of alternative designs, and discussion with the Employer for the final choice, prepare detail design of the bridge including details of the bridge elements.

Test of the model of the bridge elements may be necessary to ascertain the practicality, carry out preparation of all necessary steel and structural drawings.

Steel structural elements and civil structures should be as simple as possible in view that steel parts shall be fabricated by local manufacturers and construction and bridge erection by the community. The bridge design shall be based on maximum use of local skills and local materials.

4 Reporting

The Consultant carrying out this assignment will prepare and submit the following reports and documents (in English) to the employer. All reports shall be submitted in **3 hard copies and also a digital soft copy.**

4.2 Inception Report

The Consultant shall submit **Two copies** of inception report within **Three weeks** from the date of signing of contract. The report will mainly contain about mobilization, brief description of road corridor(s) and any feedback on given alignment based on desk study and road condition survey.

4.3 Draft Report

The consultant shall submit **Two copies** of draft main reports, design drawings, ACRP report, Social and environmental safeguards by the end of **14th week** from the date of contract signing. The report shall include a detailed description of the performance of tasks itemized in the preceding methodology together with copies of the specified drawings, bills of quantities etc. The complete set of the report shall consist of:

(i) Volume I – Main Report
(ii) Volume II – Drawings
(iii) Volume III – Design Calculations
(iv) Volume IV – BOQ and Special Provisions to Standard Specifications, if any
(v) Appendices

Please refer to the checklist provided with this TOR for number of copies and detailed requirements of the reports.

4.4 Final Report

The consultant shall submit **Three copies** of the Final Report after incorporating the comments and feedbacks. The final report will be submitted within **16th weeks** from the date of contract singing.

4.5 Duration and Team composition

The consultant shall prepare and submit the above documents and reports to the employer of TID as follows:

4.5.1 Duration

S. N.	Activities	Time period (Weeks from Date of Contract Signing)
1	Contract signing	
2	Field mobilization	1st week
3	Inception report submission	2nd week
4	Detailed Survey of Bridge and Geological, Hydrological and Environment and Social safeguard.	8th weeks
5	Design	10th weeks
6	Draft report submission (survey design, environment and social safeguard)	12th weeks
7	Final report submission	16th weeks

4.5.2 Working Team

The working team for field and office works should necessarily consist of the following Key Personnel together with adequate supporting manpower.

Position	Relevant		
	Minimum Qualification	**General Experience (min)**	**Bridge Specific (min)**
A. Professional			
Structural /Bridge Engineer	Master In Structural/Transportation/Highway engineering or Equivalent	5 years	5 years
Geotechnical Engineer/Engineering Geologist	Master In Geotechnical Engineering or Equivalent	5 years	5 years
Hydrologist	Master in Hydrology/Water Resources/Hydraulics Engineering or Equivalent.	5 years	5 years
Environmentalist/Environmental Engineer	Master in Environmental Engineering or Environmental Science	3 years	3 years
Economist/Sociologist	Masters in Economics or Sociology or other relevant degree	3 years	3 years
Senior Surveyor / Geodetic Engineer	Bachelors Degree in Civil Engineering/ Geodetic Surveying or Equivalent.	3 years	3 years

Note: All the above staffs are compulsory.

If a consulting firm/s is selected for more than 1 package, a separate team of key personnel with equivalent or better qualification shall be proposed for other package prior to signing of the contract. Upon failure to do so, the next consultant securing high score will be called for agreement.

5 MODE OF PAYMENT

This is a lump sum contract for delivery of a defined set of outputs. Payments are made at percentages of the total contract value on the basis of the Consultant satisfactorily achieving the key milestones stated below and after the approval from TID, Gandaki Province, Pokhara, Kaski.

No	%	Item
1	15	Upon Submission of Desk Study/Inception report acceptable to TID.
2	40	Upon Submission of Draft Report acceptable to TID.
3	45	Upon Submission of Final Report acceptable to TID.

6 DEFECT LIABILITY

7.1 Responsibility for survey and design

Submission of the final reports does not relieve the consultant from their responsibility to the design. They shall bear full responsibility for:

- Authenticity of all the field data including socio-economic, environmental, topographic, hydrological and geological information;
- Correctness of the design and all the calculations;
- Correctness of the drawings;
- Correctness of any other details related to construction

7.2 Assistance during construction phase

During construction the consultants, upon written request from the TID, shall visit the bridge site and provide necessary technical assistance. The consultants shall be paid for such visits (travel cost and daily allowances) as per the approved norms. But if any changes in the design are required, the consultants shall furnish it free of cost as per

the Condition of Contract.

D. Evaluation of Consultant's EOI Application

Consultant's EOI application which meets the eligibility criteria will be ranked on the basis of the Ranking Criteria.

i) Eligibility & Completeness Test	Compliance	
Copy of Registration of the company/firm		
VAT/PAN Registration		
Tax Clearance/Tax Return Submission/Letter of Time Extension for Tax Return Submission of FY 2073/74		
EOI Form 1: Letter of Application		
EOI Form 2: Applicant's Information Form		
EOI Form 3: Experience (3(A) and 3(B))		
EOI Form 4: Capacity		
EOI Form 5: Qualification of Key Experts		
ii) EOI Evaluation Criteria	Insert Minimum Requirement if Applicable	Score Out of 100%
A. Qualification		
Qualification of Key Experts	As Per Qualification Criteria	30%
Experience of Key Experts	As Per Qualification Criteria	
B. Experience		
General of consulting firm	As Per Qualification Criteria	50 %
Specific experience of consulting firm within last 7 years. In case of person, specific experience of the person within last 4 years.	As Per Qualification Criteria	
Similar Geographical experience of consulting firm	As Per Qualification Criteria	
C. Capacity		
Financial Capacity	As Per Qualification Criteria	20 %
Infrastructure/equipment related to the proposed assignment	As Per Qualification Criteria	

E. EOI Forms & Formats

Form 1. Letter of Application

Form 2. Applicant's information

Form 3.Experience *(General, Specific and Geographical)*

Form 4. Capacity

Form 5. Qualification of Key Expert

EOI Form No. 1: Letter of Application

(Letterhead paper of the Applicant or partner responsible for a joint venture, including full postal address, telephone no., fax and email address)

Date: .....

To,
Full Name of Client: _____
Full Address of Client: _____
Telephone No.: _____
Fax No.: _____
Email Address: _____
Sir/Madam,

1. Being duly authorized to represent and act on behalf of (hereinafter "the Applicant"), and having reviewed and fully understood all the short-listing information provided, the undersigned hereby apply to be short-listed by TID, Gandaki Province, Pokhara, Kaski as Consultant for **Feasibility Study, Detailed Engineering Survey, Soil Investigation, Detailed Design and Report Preparation of Bridges with Contract Identification No.: TID/GP/BD/CS/2075/76-03.**

2. Attached to this letter are photocopies of original documents defining:

    a) the Applicant's legal status;

    b) the principal place of business;

3. Transport Infrastructure Directorate (TID), Gandaki Province, Pokhara, Kaski and its authorized representatives are hereby authorized to verify the statements, documents, and information submitted in connection with this application. This Letter of Application will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such information deemed necessary and requested by yourselves to verify statements and information provided in this application, or with regard to the resources, experience, and competence of the Applicant.

4. TID, Gandaki Province, Pokhara, Kaski and its authorized representatives are authorized to contact any of the signatories to this letter for any further information.

5. All further communication concerning this Application should be addressed to the following person,
   Person:-
   Company:-
   Address:-
   Phone, fax, email:-

6. We declare that, we have no conflict of interest in the proposed procurement proceedings and we have not been punished for an offense relating to the concerned profession or business and our Company/firm has not been declared ineligible.

7. We further confirm that, if any of our experts is engaged to prepare the TOR for any ensuing assignment resulting from our work product under this assignment, our firm, JV member or sub-consultant, and the expert(s) will be disqualified from short-listing and participation in the assignment.

8. The undersigned declares that the statements made and the information provided in the duly completed application are complete, true and correct in every detail.

Signed :

Name :

For and on behalf of (name of Applicant or partner of a joint venture):

EOI Form No. 2: Applicant's Information Form

(In case of joint venture of two or more firms to be filled separately for each constituent member)

1. Name of Firm/Company:

2. Type of Constitution (*Partnership/ Pvt. Ltd/Public Ltd/ Public Sector/ NGO)*

3. Date of Registration / Commencement of Business *(Please specify):*

4. Country of Registration:

5. Registered Office/Place of Business:

6. Telephone No; Fax No; E-Mail Address:

7. Name of Authorized Contact Person / Designation/ Address/Telephone:

8. Name of Authorized Local Agent /Address/Telephone:

9. Consultant's Organization:

10. Total number of staff:

11. Number of regular professional staff:

(Provide Company Profile with description of the background and organization of the Consultant and, if applicable, for each joint venture partner for this assignment.)

EOI Form No. 3 : Experience

3(A). General Work Experience

(Details of assignments undertaken. Each consultant or member of a JV must fill in this form.)

S. N.	Name of assignment	Location	Value of Contract	Year Completed	Client	Description of work carried *out*
1.						
2.						
3.						
4.						

(Please insert more rows as necessary)

3(B). Specific Experience

Details of similar assignments undertaken in the previous Seven (7) years
(In case of joint venture of two or more firms to be filled separately for each constituent member)

Assignment name:	Approx. value of the contract in NRs.
Country: Location within country:	Duration of assignment (months):
Name of Client:	Total No. of person-months of the assignment:
Address:	Approx. value of the services provided by your firm under the contract in current NRs:
Start date (month/year): Completion date (month/year):	No. of professional person-months provided by the joint venture partners or the Sub-Consultants:
Name of joint venture partner or sub-Consultants, if any:	Narrative description of Project:
Description of actual services provided in the assignment: **Note: Provide highlight on similar services provided by the consultant as required by the EOI assignment.**	

Firm's Name: _____

3(C). Geographic Experience

Experience of working in similar geographic region or country

(In case of joint venture of two or more firms to be filled separately for each constituent member)

No	*Name of the Project*	*Location (Country/ Region)*	*Execution Year and Duration*
1.			
2.			
3.			
4.			

(Please insert more rows as necessary)

EOI Form No. 4: Capacity

4 (A). Financial Capacity

(In case of joint venture of two or more firms to be filled separately for each constituent member)

Annual Turnover	
Year	**Amount Currency**

- **Average Annual Turnover**

(Note: Supporting documents for Average Turnover should be submitted for the above.)

4(B). Infrastructure/equipment related to the proposed assignment

No	Infrastructure/equipment Required	Requirements Description
1.		
2.		
3.		

EOI Form No. 5: Qualification of Key Experts *(Include details of Key Experts only)*

(In case of joint venture of two or more firms to be filled separately for each constituent member)

SN	Name	Position	Highest Qualification	Work Experience (in year)	Specific Work Experience (in year)	Nationality
1						
2						
3						
4						
5						

(Please insert more rows as necessary)

Appendix I

Eligibility Criteria

S.N	Eligibility Criteria	Compliance	Status
1	Corporate Registration	Yes/No	Pass/Fail
2	Tax Clearance for upto FY 2073/74	Yes/No	Pass/Fail
3	VAT/PAN Registration	Yes/No	Pass/Fail
4	Years of Starting minimum 5 years (At Least One Firm in Case of JV)	Yes/No	Pass/Fail
5	JV Agreement in case of Firms in JV	Yes/No	Pass/Fail
6	Adherence to code of Ethics and Anti Corruption Policy	Yes/No	Pass/Fail

Note1: Consulting Firms can form a Joint Venture (JV). The EOI of Short List must clearly mention the name of the leading firm with financial liabilities.
Note 2: Maximum no. of JV Firms: Three
Note 3: The firm/JV shall have to submit separate sealed EOI for each package.
Note 4: The same firm shall not be allowed to submit EoI individually and in JV for same package. ("Example 1: EOI for Firm A and Firm A JV Firm B" - Not Allowed) ("Example 2: EOI for Firm A JV with Firm B and Firm B JV with Firm C" - Not Allowed.

Details of Qualifying Criteria

Description of Criteria	Marks Out of 100	Minimum Marks to be Obtained under each Criteria
A) Firm's Capacity	**50**	**30**
1) Financial Capacity of Firm	10	6
2) Resource of Firm	40	24
(a) Resource Personnel	30	
(b) Office Equipment and Facility	10	
B) Experience of Firm	**50**	**30**
1) General Experience of the Firm	10	
2) Specific Experience of the Firm	40	

A) Firm's Capacity **Maximum 50 Marks**

1) Financial Capacity of Firm **Maximum 10 Marks**

Average Annual Turnover (AAT) of best 3 year of last five fiscal year	Marks
NRs 3 million	1
NRs 8 million	5.5
NRs 13 million	10

For values in between, points will be awarded in proportionately.

Note 5: The firm and /or JV shall have to submit Notary Public attested Tax Clearance Certificate of each fiscal year, supposed to be counted for EOI evaluation. Submission of Audit report or any other compiled tables shall not be considered for EoI evaluation. Notary signature shall be verified, if required.
Note 6: In case of JV business, the firm and /or JV shall have to submit Notary Public attested Tax Clearance Certificate of each fiscal year along with the JV agreement of that business, supposed to be counted for EOI evaluation.
Note 7: In case of JV, average annual turnover of the JV shall be evaluated taking account the % of Financial liability as stated in the JV Agreement for the EOI. If the JV agreement shall not clear about % of the Financial liability, the marks for Financial Capacity shall be evaluated to Zero.
Note 8: For the evaluation of Financial Capacity, Inflation Adjustment Factor (Wholesale Price Index: Over all index of NRB) shall be considered.

2) Resource of Firm(s) **Maximum 40 Marks**

(a) Resource Personnel **Maximum 30 Marks**

Professional Key Personnel	Maximum Marks	Minimum Experinece After Bachelor	Education Required	Marks for Specific Job Experience
Team Leader (Structure/Bridge Engineer)	10	5	M.Sc in Highway/Transportation Engineering or Equivalent	1 Marks for each job.
Geotechnical Engineer/Engineering Geologist	8	5	M.Sc in Geotechnical Engineering or Equivalent.	1 Marks for each job.
Hydrologist	6	5	M.Sc in Water Resource/Hydrology/Hydraulics Engineering or Equivalent.	1 Marks for each job.
Environmentalist/Environmental Engineer	2	3	M.Sc in Environmental Engineering/Science or Equivalent	1 Marks for each job.
Economist/Sociologist	2	3	Master's Degree in Economics/Sociology or Equivalent	1 Marks for each job.
Geodetic Engineer/Senior Surveyor	2	3	Bachelors Degree in Civil Engineering/Geodetic Surveying or Equivalent.	1 Marks for each job.
Total	**30**			

Note 9: CV of each Professional key personnel shall be submitted with signature of professional and authorized representative of the firm/JV.

Note 10: Proposed Professional key presonnel shall not be repeated by the same firm/JV and/or another firm/JV. In case of repetition of professional ey personnel, the office shall ask via letter/email the person for physical presence within three days to declare him/herself the firm/JV to whom he/she shall want to be associated.
Note 11: CV of personnels shall clearly mention his/her email address and mobile number.
Note 12: The firm/JV shall have to submit the NEC registration certificate for engineer professionals (except Economist/Sociologist)
Note 13: The firm/JV shall also have to submit any certificate as evidence of his/her education (Degree) as required above with Notarized Academic Certificate of manpower.

(b) Office Equipment and Facility **Maximum 10 Marks**

List of Space, Survey Equipment and vehicles available with and owned by the firm(s). Lease or hire agreements/proposals are not accepted.

Equipment/Facilities	Maximum	Marks Obtained	Remarks
1) Drilling Equipments	3	Rotary Drill: 1.5 for each set; Percussion Drill 1.5 for each set.	Must Submit Ownership evidence with Notary Public Attested.
2) Material Testing Laboratory	3	(a) Availability of basic test facilities (Equipment for sieve analysis, Density, water content, Atterberg's limit, compression testing, shear): 1 marks	
		(b) Availability of facilities more than basic but not all (Equipments in 'a) + Unconfined Compression +Tensile test machine): 2 marks	
		© Availability of facilities of alltests required for bridge 9Equipments in 'a'+Static and dynamic testing of bridge): 3 marks	
3) Office Space	2	Above 50 Sqm: 1 marks	
		Office with independent premises or independent block in a commercial complex: 2 marks	
4) Total Stations/EDM	1	For Each Set: 0.5 Marks	
5) Vehicle Facilities (Only for 4 WD utility vehicle)	1	For Each Vehicle: 1 Marks	
Total	**10**		

Clarification 1: The Work Experience for all Personnel shall be mentioned in following formats:				
Name of Project	Road/ Bridge Length	Name of Client	Start Date-Completion Date	Name of Firm involved in as (Single/JV)
Scope of Project				
Professional Involved as (Position held)				
Description of Duties				

Details of Qualifying Criteria

B) Experinece of Firm/JV **Maximum 50 Marks**

(1) General Experience of the Firm/JV **Maximum 10 Marks**

Work Experience	As Consultant
Completion of Civil Engineering related Services (Service Cost with >=2 million worth (Consulting Cost, without VAT))	2.0 Marks for each job

(2) Specific Experience of the Firm/JV **Maximum 40 Marks**

Work Experience	As Consultant
Experience in Detailed Engineering Survey and Design of Motorable Bridges (Each Individual Bridge shall be considered as separate job as required weightage)	2.0 Marks for each job

Note 14: The firm and or JV shall have to submit Notary Public attested Experience Certificates. No marks shall be given for the experience of the firm if the certificate of completion is not attached. If the firm has completed more than one job in a single package each job shall be considered.
Note 15: The service for GON and Province Government organization of Province No. 3 (Fully or Semi/Partially Owned) shall only be evaluated as firm/JV experience for the proposal. The Consuultants Specific Experience as JV partners shall be provided full marks and any specific experience by the firm as "In association with" shall not get any marks.
Note 16: Any sublated services for GON organization and Province Government organization (Fully or Semi/Partially Owned) by a firm or JV from another private firm/JV shall not be evaluated as firm/JV experience for the EOI.
Note 17: Any service experience older than 7 years (counted from the last date of submission of EOI) shall not be evaluated as firm/JV experience for the EOI. Each experience certificate shall clearly indicate the description of service, service amount (In/Excluding VAT) and date of completion.

Appendix II

Package TID/GP/BD/CS/2075/76-01

S.N.	Bridge project name	Name of road/Address	District	Tentative Type
1	Kathe khola bridge	Lamabaga - Kathekhola	Baglung	
2	Righa Sarpethunga bridge		Baglung	
3	Gadi khola bridge	Gadi khola - Ghat - Dogadi	Baglung	
4	Sansari khola bridge	Rima Kafaldanda	Myagdi	RCC
5	Chhyarchhyare bridge (Myagdi khola)		Myagdi	steel
6	Fusre khola Pushpa Lal Resource Centre	Mahatgauda - Maspatan Road	Kaski	
7	Kaligandaki river bridge	Baglung - Parbat, Devisthan	Parbat	PSC
8	Kaligandaki river bridge	Kalopani-Dhampu-Sandhu Road, Thasang GP	Mustang	

Package TID/GP/BD/CS/2075/76-02

1	Dundure khola bridge	Palungtar Municipality -3	Gorkha	RCC
2	Arkhet khola bridge		Gorkha	PSC
3	Khar khola, Birdi dovan	Daskilo- Birdi - Sera Road/ Palungtar 9	Gorkha	
4	Ramche khola bridge	Nalmaphedi - Thuloswara Road	Lamjung	steel
5	Rudi khola bridge (singdibesi)	Rudi khola - Pasgaun Kolasothar Road	Lamjung	
6	Chettaque khola bridge	Nishang GP 1-2	Manang	steel
7	Marsyangdi river bridge		Manang	steel
8	Trishuli river bridge	Ghaighat	Tanahun	truss

Package TID/GP/BD/CS/2075/76-03

1	Seti Nadi bridge	Damauli-Bishghare-Jhaputar	Tanahun	PSC
2	Dropadi khola bridge	Ghiring GP 1 Khumling pattar	Tanahun	RCC
3	Seti river bridge	Nagldi ghat	Tanahun	PSC
4	Seti river bridge	Masdi ghat	Tanahun	PSC
5	Kerunga khola bridge	Kawasoti 9-10, Trivuwan tar	Nawalparasi	
6	Girbari khola bridge	Durge - Baireni Road (Deurali-Hupsekot Agricultural Road)	Nawalparasi	PSC box
7	Armadi khola bridge	Triyasi - Ratne Road (Ramse - Kasedi)	Syangja	RCC
8	Gaurighat bridge	Galyang NP	Syangja	RCC