EXPRESSION OF INTEREST (EOI)

PROPOSAL FOR INDIVIDUAL CONSULTANT'S SERVICE (NATIONAL)

Project Name: Procurement of hiring Individual Consultants
EOI: NRA CLPIU GMaL103 075-76
Office Name: Government of Nepal, Central Level Project Implementation Unit, Grant Management and Local Unit
Office Address: Jwagal, Lalitpur
Issued on: 31 December, 2018

Financing Agency: Government of Nepal
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<td>CV</td>
<td>Curriculum Vitae</td>
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<tr>
<td>DO</td>
<td>Development Partner</td>
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<td>EA</td>
<td>Executive Agency</td>
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<td>EOI</td>
<td>Expression of Interest</td>
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<td>GON</td>
<td>Government of Nepal</td>
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<td>PAN</td>
<td>Permanent Account Number</td>
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<td>PPA</td>
<td>Public Procurement Act</td>
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<td>PPR</td>
<td>Public Procurement Regulation</td>
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<td>TOR</td>
<td>Terms of Reference</td>
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<td>VAT</td>
<td>Value Added Tax</td>
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<td>NRA</td>
<td>National Reconstruction Authority</td>
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<td>CLPIU</td>
<td>Central Level Project Implementation Unit</td>
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<td>GMaLI</td>
<td>Grant Management and Local Infrastructure</td>
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<td>EEAP</td>
<td>Earthquake Emergency Assistance Project</td>
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<td>EHRP</td>
<td>Earthquake Housing Reconstruction Project</td>
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<td>DLPIU</td>
<td>District Level Project Implementation Unit</td>
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REQUEST FOR EXPRESSION OF INTEREST (EOI)

Date of Publication: 31st December 2018

1. Government of Nepal (GoN), National Reconstruction Authority (NRA), Central Level Project Implementation Unit, Grant Management and Local Infrastructure (GMalI), Jwagal, Lalitpur has allocated fund to be used for consulting services on Implementation, supervision and quality control in district level road projects from hiring eligible Individual Consultant (National) as mentioned below.

<table>
<thead>
<tr>
<th>S.N</th>
<th>Post</th>
<th>Nos</th>
<th>Qualification and Work Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Team Leader</td>
<td>1 (one)</td>
<td>Masters (or above) degree in civil engineering with 25yrs or more general experience as well as 20yrs or more specific experience in planning, design, construction, supervision and quality control in road projects including at least 10yrs or more experience as a project manager/team leader in bituminous pavement road projects.</td>
</tr>
<tr>
<td>2</td>
<td>Civil Engineer/ Site Engineer</td>
<td>21 (twenty-one)</td>
<td>Bachelor (or above) degree in civil engineering with 5yrs or more general experience as well as 3yrs or more specific experience in planning, design, construction, supervision and quality control in road projects including at least one 3km bituminous pavement road project.</td>
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<tr>
<td>3</td>
<td>Civil Sub Engineer</td>
<td>3 (three)</td>
<td>Diploma (or above) degree in civil engineering with 5yrs or more general experience as well as 3yrs or more specific experience in planning, design, construction, supervision and quality control in road projects.</td>
</tr>
</tbody>
</table>

2. Interested eligible consultants may obtain further information and EOI document free of cost at the address Central Level Project Implementation Unit, Grant Management and Local Infrastructure, Jwagal, Lalitpur, during office hours on or before 14 January 2019 or can be downloaded from www.rippling.gov.np and contact number: 01-5529175.

3. Experienced, eligible, and willing Consultants are requested to submit their EOI hardcopy in a sealed envelope which must reach Central Level Project Implementation Unit, Grant Management and Local Infrastructure, Jwagal, Lalitpur no later than 14 January 2019 within office hours.

4. In case the deadline for submission of EOI falls on a public holiday, then next working day shall be considered as deadline for EOI submission.

5. The academic qualification and work experience stated in CV shall be verified from their respective certificate and attach in EOI documents.

6. The selection is totally based on the approved evaluation criteria based on public procurement act 2063 & regulation 2064 and amendment 2073.

7. There is allocated 30 marks in academic qualification and 70 marks in general and specific experiences. The consultant should score minimum 60 marks on the overall ranking criteria to pass in evaluation as mentioned above to qualify for short listing.

8. The selection of the consultants will be taken from the merit list after evaluation of Eoi then candidate will be informed for negotiation to confirm the remuneration or salary and also for formal contract agreement.

Project Coordinator
1.0 INTRODUCTION

A moment magnitude 7.8 earthquake of shallow depth struck central Nepal with an epicenter approximately 77km northwest of Kathmandu on 25 April 2015 causing widespread destruction as well as on 12 May 2015 a large aftershock of moment magnitude 7.3 hit Nepal and caused further causalities and damage. Due to this earthquake, access of rural people for lifeline broke out by destruction on rural roads so to rebuild the connectivity and access of rural people with district headquarters, markets, hospitals, schools and major economic cities of nation as well as to enhance the reconstruction activities rapidly for transportation of construction materials in rural areas through reliable way in time. The Government of Nepal (GoN) and other developing partner Asian Development Bank (ADB) planned to reconstruct and upgrade earthquake destructed rural roads of Gorkha, Rasuwa, Nuwakot, Dhading, Chitwan, Khatmandu, Lalitpur, Bhaktapur, Kavrepalanchowk, Dolakha, Lamjung, Sindhuli, Ramechhap, Okhaltung, Solukhumbu, Dhankuta, Sankhuwasabha, Kaski, Tanahu, Arghakhanchi, Syangja, Myagdi, Bhojpur, Khotang, Makwanpur, Palpa, Gulmi, Parbat, Baglung, Sindhupalchowk and Nawalparasi. So that the reconstruction and upgrading of rural roads going on rapidly in all districts.

Government of Nepal (GoN), National Reconstruction Authority, Central Level Project Implementation Unit, Grant Management and Local Infrastructure (GMA LI) has allocated fund to be used for consulting services for implementation, supervision and quality control from hiring eligible Individual Consultant (National) for consulting service on construction and supervision in upgrading of roads.

2.0 OBJECTIVE OF CONSULTING SERVICES

A) General

The primary objective of the consultant’s service is to facilitate in upgrading and reconstruction of rural roads with gravel and bituminous surfacing in planning, design, construction, supervision and quality control under the coordination of district level (DLPIU) and central level (CLPIU) in accordance to prevailing government policies and regulations along with management of social and environmental safeguard activities in 31 destructed districts as stated in para”1” due to earthquake in 25 April 2015.

B) Specific

The specific objectives of the consultancy services are as follows:

i) Consultant should involve in planning, design, construction, implementation during reconstruction and upgrading of road projects in earthquake destructed districts.

ii) The road projects are gravel/bituminous pavement so consultant needs to supervise and control the quality of works.

iii) Consultant should know the prevailing government rules including procurement guideline PPA/PPR 2063/64 and amendment 2073 and also other ADB procurement guidelines.

iv) Frequent monitoring, supervision, quality control and testing of materials as well as works as guided by specification on the behalf of DLPIU in district level.

v) To identify areas of weakness of and also resolve them in coordination with DLPIU.
vi) To prepare monthly progress report of project then coordinates with central level office.

vii) Social resettlement and environmental assessment to track and mitigate impact due to project. So that the consultant need to facilitate to DLPIU and center level for social and environmental safeguard activities.

viii) Consultant will support project for overall project implementation and management activities for successfully achieving the project targets.

3.0 SCOPE OF THE CONSULTANT

The consultant will be responsible in planning, design, construction, supervision and quality control of rural road projects along with management of social safeguard, environmental safeguard and resettlement activities with coordination with DLPIU of project implementing districts as well as with the central level CLPIU. The detail scopes of the works are explained in Term of Reference (ToR) of respective post of the consultants in ANNEX.

4.0 MINIMUM QUALIFICATION, EXPERIENCE & SELECTION CRITERIA

A) TEAM LEADER

◇ Qualification and General Experience

- Master’s (or above) degree in civil engineering with 25yrs or more general experience in civil engineering projects.
- Professional Affiliation: The consultant must be registered in Nepal Engineering Council (NEC).

◇ Specific Experience

- At least 20yrs or more good experience in planning, design, construction, supervision and quality control of road projects.
- At least 10yrs of working experience as project manager/team leader of bituminous pavement road projects with good leadership in team and coordination with central offices and districts.

B) CIVIL ENGINEER/SITE ENGINEER

◇ Qualification and General Experience

- Bachelor level (or above) in civil engineering with at least 5yrs or more working as a civil engineer with good performance in civil engineering projects.
- Professional Affiliation: The consultant must be registered in Nepal Engineering Council (NEC).

◇ Specific Experience

- At least 3yrs or more working experience in planning, design, construction, supervision and quality control of earthen/gravel/bituminous pavement roads.
especially experience in bituminous pavement is preferable.
- Construction, supervision and quality control of at least one 5km bituminous pavement road projects as an engineer with good performance.

C) CIVIL SUB ENGINEER

- Qualification and General Experience
  - Diploma in civil engineering with at least 5yrs working experience in civil engineering projects with good performance.

- Specific Experience
  - At least 3yrs or more working experience in planning, design, construction, supervision and quality control of earthen/gravel/bituminous pavement roads.

5.0 REMUNERATION AND LOGISTIC SUPPORT TO THE CONSULTANT

Total cost of the proposed consultancy services is estimated for each consultant is tabulated below. This includes remuneration of the consultant for 16 months as approved by the project. A financial proposal will be taken from shortlisted candidate to hire lowest bidding candidate.

<table>
<thead>
<tr>
<th>S.N</th>
<th>Post Description (each)</th>
<th>Total Remuneration (16 months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Team Leader</td>
<td>NRs 28,86,000.00</td>
</tr>
<tr>
<td>2</td>
<td>Civil Engineer/ Site Engineer</td>
<td>NRs 15,35,000.00</td>
</tr>
<tr>
<td>3</td>
<td>Civil Sub Engineer</td>
<td>NRs 10,13,000.00</td>
</tr>
</tbody>
</table>

- The consultant shall be paid by CLPIU, GMAI, Jwagal, Lalitpur every month on the submission of his/her invoice and time-sheet with the obligatory reports as mentioned in subsequent section certified by chief or his/her authorized representative of the respective DLPIU from project implementing districts.
- The consultant shall be paid travel and daily allowance as approved by the project while working out of duty station with prior approval of project coordinator, CLPIU.
- Dedicated working space shall be provided to the engineer within the premises of the respective DLPIU from project implementing districts. The dedicated working space shall be provided with office furniture’s (which includes working table, chair, cabinet) electricity, computer, internet and printing facilities during the office hours for carrying out the assigned tasks.

6.0 CONSULTANT REPORTING OBLIGATION

The consultant shall prepare and submit monthly work-plan, monthly progress report, quality assurance plan, Test reports, field report after visit of field, data etc as explained in ToR of his assigned duties and responsibilities.

7.0 DURATION OF CONSULTANT’S SERVICE

The duration of the hiring consultant’s services shall be for approximately 16 (sixteen) months. The services shall start tentatively from March 2019 and contract may be extended as required by the clients. The contract may be terminated if the project does not need the consultant’s service due to the projects internal management or unsatisfactory performance of the consultants.
8.0 DUTY STATION

The duty station of Team Leader is the central office CLPIU, GMaLI, Jwagal, Lalitpur and frequent visit of project districts as per requirements. Whereas the duty station for civil engineer and sub engineer shall be any of the project district as stated in para “1.0” and frequent visit in central office CLPIU, GMaLI, Jwagal, Lalitpur as per requirement and prior approval of Centre office as stated in ToR of each consultant.

9.0 SELECTION OF THE CONSULTANT

The consultant’s EoI will be evaluated on the basis of following selection criteria stated on para “4.0” under government rules and public procurement act & regulation 2063/2064 & its amendment 2073. Then the selection of the consultants will be taken from the merit list of evaluation. A financial proposal will be taken from shortlisted candidate to hire lowest bidding and finally a formal contract agreement to be done with CLPIU.

10.0 TAXATION

The consultant shall be fully responsible for paying all the taxes in the income as per regulations of government of Nepal. The consultant may wish to get registered in the Value Added Tax (VAT) after the contract agreement signed. The consultant will be responsible for the costs of the premium of any insurance plan he/she takes up.

11.0 AGREEMENT

The consultant shall be required to enter into an agreement with the CLPIU, GMaLI, Jwagal, Lalitpur.

12.0 ANNEX
A) TEAM LEADER / MONITORING ENGINEER

1. Background

A moment magnitude 7.8 earthquake of shallow depth struck central Nepal with an epicenter approximately 77km northwest of Kathmandu on 25 April 2015 causing widespread destruction as well as on 12 May 2015 a large aftershock of moment magnitude 7.3 hit Nepal and caused more than 8,702 people died, more than 76,775 household was seriously affected and 6,67,662 houses were low affected and School building fully damaged by the devastation of earthquake of 25th April 2015. 14 districts were seriously affected whereas 18 districts were moderately affected by the devastation of Earthquake.

After devastation damage by earthquake Government of Nepal has established a legally mandated National Reconstruction Authority (NRA) for the purpose of leading of restoration and reconstruction activities coordinate with government and donor agencies. In the meantime government of Nepal had called meeting of multilateral and bilateral donors in Kathmandu in order to get financial as well as technical support to restore devastation damages by the earthquake. Donors had committed to support for restoration in different sectors.

ADB has supported to GON to restore and rebuilding of roads, school building and government buildings in affected district. CLPIU has awarded contract and roads are under construction. Earthwork is almost completed. Supervision of construction activities is supported by Consultant in ADB fund road where as DLPIU's is PDRF Roads.

2. Introduction

The Team Leader will be a Senior Civil Engineer having Master's Degree in Civil Engineering with minimum general works experience of 25 years and specific works experience of 20 years in planning, design, construction, supervision and quality control and testing during implementation of road projects. He should have at least 10 years work experience as a project manager or team leader in bituminous pavement road projects. Team Leader shall have excellent written and oral communication skills in English and Nepali, strong interpersonal skills and ability to work in a multidisciplinary team, and ability to work independently. It is mandatory that the proposed Team Leader be registered with the Nepal Engineering Council in accordance with the Nepal Engineering Council Act, 2005.

3. Objectives of the Assignment

The CLPIU requires the services of a qualified and experienced engineer (herein referred to as "Team Leader") to support CLPIU in implementation of road projects in planning, design, construction, quality control as well as critically review the quality of procurement, contract administration, orient DLPIUs on the key areas for improvements in technical as well as contract management, also social and environmental safeguards and resettlement activities.

The specific objectives of the consultancy services are as follows:
Part A: Project planning, design and cost estimation

i) He/she will support project coordinator for overall project management activities for successfully achieving the project targets.

ii) To closely support the project implementing offices in their overall operation by supporting the project coordinator and other senior staff based on her/his knowledge of the project management.

iii) To review of detailed project report (DPR) consisting of detailed designs, drawings, and cost estimates for upgrading/rehabilitation of the roads and river crossing structures and advice some correction with reference to the Nepal Rural Road Standard, Rural Roads’ norms.

iv) Support directly DLPIUs as well as CLPIU to review bid documents, bid evaluation and capacity assessment of DLPIUs in proper contract administration all procurement works related to this PRDF road projects.

v) To support and guide the DLPIUs and CLPIUs in social as well as environmental safeguard and resettlement works environmental by coordinating the consultants associated with the DLPIU’s during review of the DPR of the projects.

vi) Frequent visit of DLPIUs and review, progress, quality control and advice for correction.

vii) Identify areas of problems and challenges during implementation of projects and also check if the instruction and communications with DLPIUs, contractor are complying them. If not identify the reasons and recommend on corrective measures.

viii) Check and take measures for improving the quality of the work plan and quality assurance plan of contractors.

ix) Frequent visit of project site and DLPIUs and monitor works, quality control of works and contract management and recommend for corrective measures if necessary.

x) Identify areas of problems of DLPIUs in proper record keeping, taking timely contract based actions including application of liquidated damages or termination of contract based on case by case basis, and orients them in proper implementation of the provisions of the contract agreement.

xi) Compile the information and prepare a final report.

Part B: Post Construction

xiii) To assist in the preparation of “As-Build Drawings,” and

xiv) To prepare completion reports of the subprojects.

4. Scope of Consulting Services

The Team Leader together will work under guidance of the project director, CLPIU and in close cooperation with DLPIU’s. He/she will also assist the CLPIU in the review and approval of design modifications which may be required during the construction phase. The main tasks will include but are not limited to:

- Assist the DLPIU's in all technical matters and procurement processing for the project.
- Assist the DLPIU's to conduct baseline surveys on socioeconomic and transport related indicators.
- Assist the DLPIU's to implement the project in conflict situation and apply the communication strategy proposed by the project.
- Assist in preparation of Procurement Plan (PP)
- Assist the DLPIU's for Bid invitation, Bid evaluation and awarding the contracts for the proposed contracts, if needed.
- Ensure that all the works are carried out in accordance with the designs, drawings and specification.
- Prepare Quality Assurance Plan (QAP) of the work activities.
- Maintain a permanent record of all measurements of works completed and results of test carried out for monitoring the quality of civil works.
- Regularly inspect and check by testing wherever required the civil works and ensure that they are carried out according to the schedule. Specifications and drawings specified standards of quality are to meet the desired standard quality of the materials and workmanship.
- Preparing the variation orders and assists the DLPIU's in negotiating with the contractor for the implementation of such changes. If such changes involve additional cost, prepare necessary documents for approval by the DLPIU's.
- Maintain all the records and reports according to the CLPIU requirements.
- Assist CLPIU to prepare M & E reports as per the prescribed formats.
- Prepare completion reports of all sub-projects.
- Others as and when required by CLPIU in connection with the project works.

5. Qualification and experiences of the Consultant

The consultant shall have minimum Master's Degree in Civil Engineering with general works experience of 25 years and specific works experience of 20 years in construction supervision and quality control of roads and also work at least 10 years as project manager or team leader in bituminous pavement work.

6. Duration of the assignment

The assignment is expected to commence from the March 2019 and March 2020.

7. Duty Station

The consultant shall perform works for:
a) Central level CLPIU and frequent visit of DLPIUs and site as per requirement with prior approval of project coordinator.

8. Remuneration

Total cost of the proposed consultancy services is estimated to be NRs 28,86,000.00. This includes remuneration of the consultant for 16 months as approved by the project.
9. Logistic Support

- The Consultant will receive following supports from the employer:
  - Computer/Printer/Equipment
  - Working space and furniture
  - Stationery
  - Existing project report and IEE reports
  - Other logistics necessary to perform assignment

10. Reporting obligation

- Field report after each field visit, enlisting activities undertaken at the filed level.
- Monthly overall progress report.
- Final report at the end of the assignment.

11. Payment

The consultant will be entitled to receive payment on monthly basis upon submission of timesheet and monthly progress report. Time sheet shall be approved by the project engineer.

12. Taxation

The consultant is fully responsible all taxes imposed by the government. The consultant shall be registered in VAT after agreement. The consultant shall be responsible for the cost of the premium of insurance plan he takes up.

13. Time Schedule

The consultant shall work in accordance with CLPIU, GMalI directed time schedule as per Agreement.

B) CIVIL ENGINEER/SITE ENGINEER

1. Background

A moment magnitude 7.8 earthquake of shallow depth struck central Nepal with an epicenter approximately 77km northwest of Kathmandu on 25 April 2015 causing widespread destruction as well as on 12 may 2015 a large aftershock of moment magnitude 7.3 hit Nepal and caused more than 8,702 people died, more than 76,775 household was seriously affected and 6,67,662 houses were low affected and School building fully damaged by the devastation of earthquake of 25th April 2015. 14 districts were seriously affected whereas 18 districts were moderately affected by the devastation of Earthquake.

After devastation damage by earthquake Government of Nepal has established a legally mandated National Reconstruction Authority (NRA) for the purpose of leading of restoration and reconstruction activities coordinate with government and donor agencies.

In the meantime government of Nepal had called meeting of multilateral and bilateral donors in Kathmandu in order to get financial as well as technical support to restore devastation damages by the earthquake. Donors had committed to support for restoration in different sectors.

ADB has supported to GON to restore and rebuilding of roads, school building and government buildings in affected district. CLPIU has awarded contract and roads are under construction. Earthwork is almost completed. Supervision of construction activities is supported by Consultant in ADB funded roads where as DLPIU's is PDRF Roads.
2. Introduction

The Civil Engineer has to work in site as a site engineer. The consultant should have bachelor’s degree in Civil Engineering. The engineer should have minimum general experience of 5 years and specific experience of 3 years of planning, design, construction, supervision and quality control of road projects and at least one 5km bituminous pavement work. He should have excellent computer skills and fluency in written and spoken English and Nepali, strong interpersonal skills and ability to work in a multidisciplinary team; and ability to work independently. It is mandatory that the proposed Civil Engineer be registered with the Nepal Engineering Council in accordance with the Nepal Engineering Council Act, 2005.

3. Objectives of the Assignment

The CLPIU requires the services of a qualified and experienced engineer (herein with referred to as "Civil Engineer") to support DLPIU’s monitoring of the implementation of road related civil works under CLPIU/GMaLI.

The Specific objectives of the consultancy services are as follows:

Part A: Project planning, design and cost estimation

i) To assist the DLPIU’s and CLPIU in review of detailed project report (DPR) consisting of detailed designs, drawings, and cost estimates for upgrading/rehabilitation of the roads and river crossing structures with reference to the Nepal Rural Road Standard, Rural Roads' norms.

iii) To coordinate with social development and environmental consultants associated with the DLPIU’s during review of the DPR of the projects.

iv) To provide other technical and managerial support so as to enhance DLPIU’s capability to plan, implement and maintain the construction of roads.

Part B: Supervision of works

v) To ensure quality of the works implemented under the project with adequate field supervision,

vii) To ensure timely completion of the works implemented under the project;

viii) To assist in preparation of quality assurance plan to carry out the works according to the plan.

ix) To assist the DLPIU’s in contract management as per the contract agreement.

x) To verify and certify the works done through the contractors;

xi) To facilitate the other works as required by the DLPIU’s in connection with the project works.

Part C: Post Construction

xiii) To assist in the preparation of "As-Build Drawings.", and

xiv) To prepare completion reports of the subprojects.

4. Scope of Consulting Services
The Team Leader together will work under guidance of the project Director, CLPIU and in close cooperation with DLPIU's. He/she will also assist the CLPIU in the review and approval of design modifications which may be required during the construction phase. The main tasks will include but are not limited to:

- Assist the DLPIU's in all technical matters and procurement processing for the project.
- Assist the DLPIU's to conduct baseline surveys on socioeconomic and transport-related indicators.
- Assist the DLPIU's to implement the project in conflict situation, and apply the communication strategy proposed by the project.
- Assist in preparation of Procurement Plan (PP)
- Assist the DLPIU's for Bid invitation, Bid evaluation and awarding the contracts for the proposed contracts, if needed.
- Ensure that all the works are carried out in accordance with the designs, drawings and specification.
- Prepare Quality Assurance Plan (QAP) of the work activities.
- Maintain a permanent record of all measurements of works completed and results of test carried out for monitoring the quality of civil works.
- Regularly inspect and check by testing wherever required the civil works and ensure that they are carried out according to the schedule, specifications and drawings and specified standards of quality are to meet the desired standard quality of the materials and workmanship.
- Checking the bill of the works submitted by the contractors and recommends them for payments by the DLPIU's with the certification that quality of works executed by the contractor is satisfactory.
- Certify the completion of the works.
- Preparing the variation orders and assists the DLPIU's in negotiating with the contractor for the implementation of such changes. If such changes involve additional cost, prepare necessary documents for approval by the DLPIU's.
- Maintain all the records and reports according to the DLPIU's requirements.
- Assist DLPIU's to prepare M & E reports as per the prescribed formats.
- Assist in the preparation of "As-Built" drawings.
- Prepare completion reports of all sub-projects.
- Others as and when required by DLPIU's in connection with the project works.

5. **Qualification and experiences of the Consultant**

The consultant shall have bachelor's degree in Civil Engineering with minimum general experience of 5 years and specific experience of 3 years of planning, design, construction, supervision and quality control of road projects and at least one 5km bituminous pavement work.

6. **Duration of the assignment**
7. **Duty Station**

The duty station for civil engineer and sub engineer shall be any of the project districts as stated in para “1.0” and frequent visit in central office CLPIU, GMaLI, Jwagal, Lalitpur as per requirement and prior approval of Centre office.

8. **Remuneration**

Total cost of the proposed consultancy services is estimated to be NRs 15, 35,000.00. This includes remuneration of the consultant for 16 months as approved by the project.

9. **Logistic Support**

- The Consultant will receive following supports from the employer.
- Computer/Printer/Equipment
- Working space and furniture
- Stationery
- Existing project report and IEE reports
- Other logistics necessary to perform assignment

10. **Reporting obligation**

The consultant shall prepared and submit monthly progress report to CLPIU, GMaLI in addition to this shall he/she shall prepare PCR.

11. **Payment**

The consultant will entitled to receive payment on monthly basis upon submission of time sheet and monthly progress report. Time sheet shall be approved by the project Engineer.

12. **Taxation**

The consultant is fully responsible all taxes imposed by the government. The consultant shall be registered in VAT after agreement. The consultant shall be responsible for the cost of the premium of insurance plan he takes up.

13. **Time Schedule**

The consultant shall work in accordance with CLPIU, GMaLI directed time schedule as per Agreement.

C) **CIVIL SUB ENGINEER**

1. **Background**

A moment magnitude 7.8 earthquake of shallow depth struck central Nepal with an epicenter approximately 77km northwest of Kathmandu on 25 April 2015 causing widespread destruction as well as on 12 may 2015 a large aftershock of moment magnitude 7.3 hit Nepal and caused more than 8,702 people died, more than 76,775 household was seriously affected and 6,667,662 houses were low affected and School buildings fully damaged by the devastation of earthquake of 25th April 2015 14 districts were seriously affected whereas 18 districts were moderately affected by the devastation of Earthquake.
After devastation by earthquake Government of Nepal has established a legally mandated National Reconstruction Authority (NRA) for the purpose of leading of restoration and reconstruction activities coordinate with government and donor agencies.
In the meantime government of Nepal had called meeting of multilateral and bilateral donors in Kathmandu in order to get financial as well as technical support to restore devastation damages by the earthquake. Donors had committed to support for restoration in different sectors.
ADB has supported to GON to restore and rebuilding of roads, school building and government buildings in affected district CLPIU has awarded contract and roads are under construction. Earthwork is almost completed. Supervision of construction activities is supported by Consultant in ADB funded roads where as DLPIU's is PDRF Roads.

2. Introduction

The Civil Sub-Engineer will be a site Sub-Engineer having Diploma in Civil Engineering with minimum general experience of 5 years and specific experience of 3 years in planning, design, construction, supervision and quality control and testing of road projects. Civil Sub-Engineer shall have excellent written and oral communication skills in English and Nepali, strong interpersonal skills and ability to work in a multidisciplinary team, and ability to work independently.

3. Objectives of the Assignment

The CLPIU requires the services of a qualified and experienced sub-engineer (herein with referred to as "Civil Sub-Engineer") to support DLPIU's monitoring of the implementation of road related civil works under CLPIU/GMali.
The Specific objectives of the consultancy services are as follows:

Part A: Project planning, design and cost estimation

i) To assist the DLPIU's in review of detailed project report (DPR) consisting of detailed designs, drawings, and cost estimates for upgrading/rehabilitation of the roads and river crossing structures with reference to the Nepal Rural Road Standard, Rural Roads' norms
ii) To coordinate with social development and environmental consultants associated with the DLPIU's during review of the DPR of the projects

Part B: Supervision of works

v) To ensure quality of the works implemented under the project with adequate field supervision;
vii) To ensure timely completion of the works implemented under the project;
viii) To assist in preparation of quality assurance plan to carry out the works according to the plan.
ix) To verify and certify the works done through the contractors.
x) To facilitate the other works as required by the DLPIU's in connection with the project works;

Part C: Post Construction

xiii) To assist in the preparation of "As-Build Drawings" and
xiv) To prepare completion reports of the subprojects

4. Scope of Consulting Services

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The Civil Sub-Engineer will work under guidance of the project Director, CLPIU and in close cooperation with DLPIU’s. He/she will also assist the CLPIU in the review and approval of designs, modifications which may be required during the construction phase. The main tasks will include but are not limited to:

- Assist the DLPIU’s to conduct baseline surveys on socioeconomic and transport related indicators.
- Assist the DLPIU’s to implement the project in conflict situation and apply the communication strategy proposed by the project.
- Ensure that all the works are carried out in accordance with the designs, drawings and specification.
- Prepare Quality Assurance Plan (QAP) of the work activities.
- Maintain a permanent record of all measurements of works completed and results of test carried out for monitoring the quality of civil works.
- Regularly inspect and check by testing wherever required the civil works and ensure that they are carried out according to the schedule, specifications and drawings and specified standards of quality are to meet the desired standard quality of the materials and workmanship.
- Maintain all the records and reports according to the DLPIU’s requirements.
- Assist in the preparation of “As-Built” drawings.
- Prepare completion reports of all sub-projects.
- Others as and when required by DLPIU’s in connection with the project works.

5. Qualification and experiences of the Consultant

The consultant shall have Diploma in Civil Engineering with minimum general experience of 5 years and specific experience of 3 years in planning, design, construction, supervision and quality control and testing of road projects.

6. Duration of the assignment

The assignment is expected to commence from the March 2019 and July 2020.

7. Duty Station

The duty station for civil engineer and sub engineer shall be any of the project district as stated in para “1.0” and frequent visit in central office CLPIU, GMaLI, Jwagal, Lalitpur as per requirement and prior approval of Centre office.

8. Remuneration

Total cost of the proposed consultancy services is estimated to be NRs 10,13,000. This includes remuneration of the consultant for 16 months as approved by the project.

9. Logistic Support

- The Consultant will receive following supports from the employer.
- Computer/Printer/Equipment
- Working space and furniture
10. Reporting obligation

The consultant shall prepared and submit monthly progress report to CLPIU, GMaL1 in addition to this shall he/she shall prepare PCR.

11. Payment

The consultant will entitled to receive payment on monthly basis upon submission of time sheet and monthly progress report. Time sheet shall be approved by the project Engineer.

12. Taxation

The consultant is fully responsible all taxes imposed by the government. The consultant shall be registered in VAT after agreement. The consultant shall be responsible for the cost of the premium of insurance plan he takes up.

13. Time Schedule

The consultant shall work in accordance with CLPIU, GMaL1 directed time schedule as per Agreement.