



GOVERNMENT OF NEPAL  
NATIONAL RECONSTRUCTION AUTHORITY  
CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT  
GRANT MANAGEMENT AND LOCAL INFRASTRUCTURE  
JWAGAL, LALITPUR

SHOPPING OF BIO-ENGINEERING WORKS AT DIFFERENT SECTIONS  
OF  
SANKHU PALUWARI NAGARKOT ROAD, DISTRICT KATHMANDU  
CONTRACT NOS:- GMaLI/RFQW/ Bio-1/2074-75

ISSUED TO:-

**JUNE 2018**

  
Project Director

  
Government of Nepal  
National Reconstruction Authority  
**Central level Project Implementation Unit**  
Grant management and Local Infrastructure  
Jwagal, Lalitpur  
Jwagal, Lalitpur

## REQUEST FOR QUOTATION (RFQW)

Project Title: Earthquake Emergency Assistance Project

Source of Funding: ADB Loan No. 3260 – NEP(SF)

Contract Ref: GMaLI/RFQW/ Bio-1/2074-75

Date of Issue of Request: 21 June 2018

To: \_\_\_\_\_

Sir/Madam:

1. The National Reconstruction Authority, Central Level Project Implementation Unit, Grant management and Local Infrastructure, Earthquake Emergency assistance Project (Employer) hereby requests you to submit a quotation for the following works:

### **Bio Engineering Works in Sankhu Paluwari Nagarkot Road of District Kathmandu**

If you, however, have been associated with the firm that prepared the design, specifications, or engaged in the preparation of the Project or firm that will provide supervision of the Works, you shall be disqualified.

To assist in the preparation of your price quotation, the necessary specifications, bill of quantities and drawings, form for submitting the quotation and a draft contract form are enclosed. You are advised to visit the site of the works at your own expense, and obtain necessary information for preparing your quotation.

2. You shall submit one original of the Price Quotation with the Form of Quotation, and clearly marked "Original". In addition, you shall also submit one copy marked as "COPY".

3. Your quotation in the attached format should be signed, sealed in an envelope and addressed to and delivered at the following address:


National Reconstruction Authority, Central Level Project Implementation Unit, Grant Management and Local Infrastructure, Jwagal, Lalitpur.

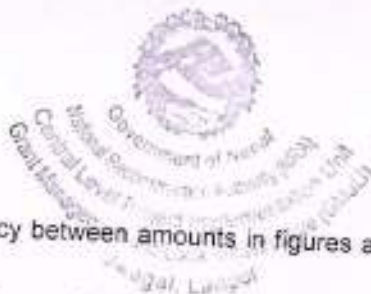
4. You must have experience as a prime contractor in the construction of at least one work of the nature and complexity equivalent to the works included in this Request for Quotation over the last five years as evidenced by a client's certificate of completion, and provide evidence of availability of financial resources to successfully complete the works in the amount of 7,000,000/- (In Words: -NPR Seven Million only) Otherwise, you will not be considered further.

5. You shall submit only one quotation. Your quotation must be typed or written in indelible ink and shall be signed by you or your authorized representative. Without a signature in your Form of Quotation, your quotation will not be considered further.

6. In evaluating the quotations, the Employer will adjust for any arithmetical errors as follows:



  
Project Director



- (a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;
  - (b) where there is a discrepancy between the total price in the Bill of Quantities or the quoted amount indicated in the Form of Quotation, the total price in the Bill of Quantities shall govern;
  - (c) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern; and
  - (d) if you refuse to accept the correction, your quotation will be rejected.
7. Your quotation shall be valid for a period of thirty (30) days from submission deadline.
8. Your quotation in duplicate and written in **English** language shall be for the whole works and based on the **unit and total price indicated in the filled-in Bill of Quantities**. Currency of quoted prices and payment shall be NPR. The quotation shall include all duties, local taxes and other levies payable by the contractor in accordance with the local laws. In case of any discrepancy between the original and duplicate, the original shall prevail.
9. The Employer will award the contract to the Contractor whose quotation has been determined to be substantially responsive to this Request for Quotation and who has offered the lowest evaluated price quotation. A quotation is not substantially responsive if it contains material deviations or reservations to the terms, conditions, and specifications in this Request for Quotation, and it will not be considered further. The Employer will evaluate and compare only the quotations determined to be substantially responsive.
10. If you withdraw your quotation during the validity period and/or refuse to accept the award of a contract when and if awarded, then you will be excluded from the list of contractors for the project for two years.
11. The contract will be governed by the terms and conditions of the attached Form of Contract.
12. Your quotation including Form of Quotation and filled-in Section 2 Bill of Quantities should be submitted by 27 June 2018, 12:00 Noon (NST).
13. The bidder whose quotation has been accepted will be notified of the award of contract through the Letter of Acceptance issued by the Employer within 15 days from the date of submission of quotation.
14. The Employer intends to apply funds from the Asian Development Bank (ADB) for eligible payments under the Contract resulting from this RFQ.
15. Under ADB's Anticorruption Policy bidders shall observe the highest standard of ethics during the procurement and execution of such contracts. ADB will reject a proposal for award, and will impose sanctions on parties involved, if it determines that the bidder recommended for award or any other party, has engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, the Contract. At the time of submission of your quotation, you should not be in ADB's sanctions list.
16. Please Confirm by fax/e-mail the receipt of this request and whether or not you will submit the price quotation(s).

Sincerely,

Ganesh Raj Osti  
Project Director  
(Employer)

27

30  
Project Director



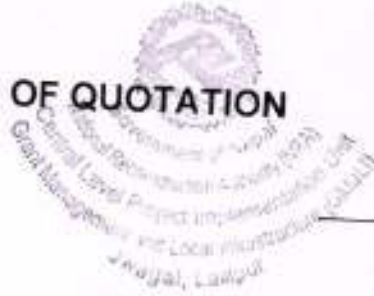
## SECTION 1 - SPECIFICATIONS

## SECTION 2 - BILL OF QUANTITIES

## SECTION 3 - DRAWINGS

*JY*  
Project Director

# FORM OF QUOTATION



\_\_\_\_\_ (Date)

To: National Reconstruction authority,  
Central level Project Implementation Unit,  
Grant management and Local Infrastructure,  
Earthquake Emergency Assistance Project,  
Jwagal, Lalitpur

We offer to execute the Bio Engineering Works of Sankhu- Paluwari- Nagarkot Road (name and number of Contract) in accordance with the Conditions of Contract (in the Form of Contract) accompanying this Quotation for the Contract Price of NPR \_\_\_\_\_ (amount in words and numbers) (\_\_\_\_\_). We propose to complete the Works described in the Contract within a period of 120 days from the Date of Signing of the Contract.

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

We hereby confirm that this Quotation complies with the Validity of the Offer required by the proposal documents.

We have not been associated with the firm that prepared the design and specifications of the contract that is subject of this request for quotation.

We are not in the ADB sanctions list.


Authorized Signature: \_\_\_\_\_  
Name and Title of Signatory \_\_\_\_\_  
\_\_\_\_\_

Name of Contractor: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_  
\_\_\_\_\_

Fax Number, if any: \_\_\_\_\_  
Email address (optional): \_\_\_\_\_

Project Director



## FORM OF CONTRACT

Name of Country: Nepal

Project Name: Earthquake Emergency Assistance Project

Name of Contract: Bio Engineering Works in Sankhu Paluwari Nagarkot Road  
Contract Number: CLPIU/EEAP/W/Shopping-01/2074-75

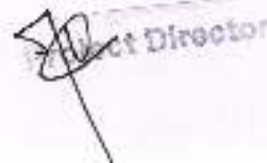
This Contract is made this \_\_\_\_\_ day of \_\_\_\_\_ 201\_ between National Reconstruction Authority, Central Level Project Implementation Unit, Grant Management and Local Development on the one part (hereinafter called the Employer) and \_\_\_\_\_ (hereinafter called the Contractor) on the other part.

Whereas the Employer has called for quotations for (name and identification number of the contract) and the Contractor has submitted a quotation for the above work and the Employer has accepted the Contractor's Quotation dated \_\_\_\_\_ for the execution and completion of such works and the remedying of any defects therein

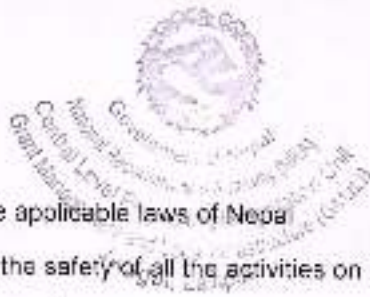
Now this Contract witnesses as follows:

1. The Contractor hereby covenants to execute the works fully described in the Activity Schedule (or Bill of Quantities) included in the Contractor's Quotation which constitute an integral part of this Contract (as Annex 1) in a professional and workmanship like manner in accordance with the following Conditions of Contract:

- (a) Remedy all defects within 30 days of notification by the Engineer in charge during the period of execution of the contract and thereafter defects notified within the defect liability period;
- (b) The Employer reserves the right to terminate the contract due to unsatisfactory performance 21 days after giving a written notice. If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Engineer in charge shall certify that the contract has been frustrated. In such an event, both the Employer and Contractor will have a right to terminate the contract by giving 21 days notice to the other party without any financial repercussions on either side. Payments after termination or frustration shall consider the value of work completed and materials delivered by the Contractor and the advance payment made by Employer;
- (c) All material and construction equipment on site, temporary works, and Works shall be deemed to be the property of the Employer if the contract is terminated due to fault of the Contractor;
- (d) The Contractor will in all cases abide by the directions of the Engineer in charge;
- (e) The Contractor shall submit to the Engineer in charge, a program within 7 days after signing the contract describing general methods and schedule to complete the works;
- (f) Contract completion period 210 ( Two hundred ten ) Days after signing of the contract;
- (g) No part of the works shall be subcontracted without prior approval of the Employer;
- (h) New items of work performed as ordered by the Engineer in charge will be paid at the mutually agreed rate and in case of any disagreement between the Contractor and the Engineer in charge the latter will fix the unit rates that will be binding on the Contractor;



Project Director



- (i) The Law governing the contract shall be applicable laws of Nepal
  - (j) The Contractor shall be responsible for the safety of all the activities on the Site.
  - (k) During execution of works the Engineer in charge, \_\_\_\_\_ (name) will carry out inspection of works at site to verify that works are executed by the Contractor in accordance with the specifications and required quality as per specifications. Engineer in charge will reject works not performed to the required specifications and the Contractor shall take immediate actions to rectify all defects in accordance with subparagraph (a) above.
  - (l) Either party may terminate the Contract by giving a 21 days notice to the other for unforeseen events such as wars and acts of Gods such as earthquake, floods fires etc. In such case the payments will be made to the date of termination of contract.
  - (m) The Contractor is responsible for all taxes, duties, levies, etc. in accordance with the laws of the Nepal (country); and
  - (n) The disputes between the Employer and the Contractor arising between them under or in connection with the Contract shall be resolved amicably. In the event the dispute remains unresolved either party may refer the dispute to NEPCA (name the authority in the country such as Engineering Institute, Legal Institute, etc.) in accordance with the law governing the contract.
2. In consideration thereof the Employer covenants to pay the Contractor the contract price of \_\_\_\_\_ (in words and figures) in the following manner and instalments
- (i) An advance payment of 15 percent of the Contract sum will be paid against acceptable bank guarantee upon the Contractor bringing at the work site the following items and Engineer in charge certifying it (1) at least twenty percent of all materials to be incorporated in the works or all materials to be consumed within three months whichever is less, and (2) all equipment required for the construction
  - (ii) Interim payments will be made as per the progress. Each interim payment will be due for payment within 21 days of submission of invoice when the value of the work actually performed, calculated on the basis of unit prices and quantities.
  - (iii) The final payment of remaining 5 percent of the contract amount shall be made upon completion of defect liability period of works, certified by the Engineer in Charge.
- Payments shall be made to the Contractor within 21 days of the date of the payment request submitted by the contractor has been certified by the Engineer in Charge.
3. The defect liability period will be 12(Twelve) months after taking over of completed works by the Employer.

In witness whereof the parties thereto have caused this Contract to be executed the day and year first before written.

Signature and seal of the Employer  
FOR AND BEHALF OF

Signature and seal of the Contractor  
FOR AND BEHALF OF

\_\_\_\_\_  
Name of Authorized Representative

\_\_\_\_\_  
Name of Authorized Representative

2/17

  
Project Director







Government of Nepal  
National Reconstruction Authority  
**Central Level Project Implementation Unit (CLPIU)**  
Grant Management and Local Infrastructure (GMA-LI)  
Kathmandu, Nepal

**Bill of Quantity**

- 1 Name of the program Bio Engineering Works
- 2 Name of the project: Sankhu Paluwari Napatkot Road
- 3 Working Location Kathmandu/ Kavre

Fiscal Year : 2074/75

S.no	Particulars	Quantity	Unit	Rate (NRs.)		Amount (NRs.)	Remarks
				In Figure	In Words		
1	<b>Part-I Supply of different types of shrubs/ grass/trees as instructed by Engineer</b>						
1.1	Supply of Amriso plant on different section	30170.00	Nos				
1.2	Supply of plants on road side areas						
1.2.1	Rudraksya plant	410.00	Nos				
1.2.2	Lapsi plant	743.00	Nos				
1.2.3	Okhar plant	525.00	Nos				
1.2.4	Amba plant	417.00	Nos				
1.2.5	Dhupi plant	100.00	Nos				
1.2.6	Panyuu plant	100.00	Nos				
1.2.7	Bamboo raiseome plant	22.00	Nos				
1.2.8	Nigalo (small bamboo) plant	630.00	Nos				
1.2.9	Simali shrub	15000.00	Nos				
1.3	Supply of different types of shrubs/grass (bhujetro seed sowing)	3060.00	Sq M				

*[Signature]*  
Project Director

*[Signature]*



Government of Nepal  
National Reconstruction Authority  
**Central Level Project Implementation Unit (CLPIU)**  
Grant Management and Local Infrastructure (GMA/LI)  
Jwagal, Lalitpur

**Bill of Quantity**

- 1 Name of the program: Bio Engineering Works
- 2 Name of the project: Sankhu Paluwan Nagar Kot Sadak
- 3 Working Location: Kathmandu/ Kavre

Fiscal Year: 2074/75

S.no	Particulars	Quantity	Unit	Rate (NRs.)		Amount (NRs.)	Remarks
				In Figure	In Words		
1.4	Collection of large shrub seeds (e.g. braujetro from sources within 1-3.5 km of the road including seed preparation for storage after drying). Shujetro seed 1 sq m = 0.025 kg)	75.50	kg				
1.5	Collection of large grass seeds (e.g. khar, furke, sito etc. from sources within 1-3.5 km of the road including seed preparation for storage after drying). khar, furke, sito seed 1 sq m = 0.025 kg	76.50	kg				
2	<b>Part-II Plantation works as per Engineer Approval</b>						
2.1	Slope trimming works with stripping of top soil of about 15 cm deep or reapplication it at depression within a lead upto 100 m along the lead route	8985.00	Sq M				
2.2	Planting containerized tree and shrub seeding, including pitting, transplanting, composting and mulching, on slopes 30-40. Pit size 30 cm dia * 30 cm depth. Mix compost with soil and backfill into pit. to 1/4 of pit volume.	2840.00	Nos				

*Handwritten signature*

*Handwritten signature*  
Project Director



Government of Nepal  
National Reconstruction Authority  
**Central Level Project Implementation Unit (CLPIU)**  
Grant Management and Local Infrastructure (GMA-LI)  
Jwagal, Gollibari

**Bill of Quantity**

- 1 Name of the program Bio Engineering Works
- 2 Name of the project: Sanjhu Paluwari Nagarkot Sadak
- 3 Working Location: Kathmandu/ Kavre

Fiscal Year : 2074/75

S. no.	Particulars	Quantity	Unit	Rate (NRs.)		Amount (NRs.)	Remarks
				In Figure	In Words		
2.3	Sowing shrub or tree seeds on all slopes at 25 cm intervals, including digging planting holes to 5 cm depth and covering with soil. Two seeds per planting hole	6120.00	Sq M				
2.4	Standard jute netting for bare slopes and under planting with slips. Spinning raw jute from 100 % jute fiber into yarn and weaving the yarn into netting. Hand spun yarn 5-8 mm in diameter, width of net 1.2 m warp stands 27 nr per 100 cm, mesh size 30-40 mm sq and 1.25 kg/m wt at 1.2 m width. [Note: A. Toro is the weaving shuttle, normally made from a split large]						
2.5	Placing 30-40 mm square mesh jute netting on bare slopes ( for later under planting with grass slips), including pegging with live hardwood cutting or split bamboo pegs and loosening tension so that the net hugs the slope throughout	100.00	Sq M				
		100.00	Sq M				

Kafe

  
Project Director

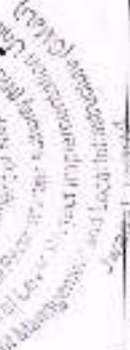


Government of Nepal  
National Reconstruction Authority  
**Central Level Project Implementation Unit (CLPIU)**  
Grant Management and Local Infrastructure (GMAIL)  
Jwagal, Lalitpur

- 1 Name of the program Bio Engineering Works
- 2 Name of the project: Sankhu Paluwari Nagarkot Sadak
- 3 Working location: Kathmandu/Kavre

Fiscal Year : 2074/75

**Bill of Quantity**



S. no.	Particulars	Quantity	Unit	Rate (NRs.)		Amount (NRs.)	Remarks
				In Figure	In Words		
2.6	Planting rooted grass slips on slopes 45-60 degree including preparation of slips on site. Operation includes digging planting holes to a maximum of 5 cm depth with metal rod or hardwood peg, depending on nature of soil. The planting drills should be placed 10 cm apart	100.00	Sq M				
2.7	Collection of hardwood cuttings for planting material (eg assaro namdi phul, simali) from source within 1 - 5 km of road. Material to be approx. 1 m in length and minimum 5 cm in diameter	30170.00	Nos				
2.8	Planting rooted grass slips on slopes 45-60 degree including preparation of slips on site. Operation includes digging planting holes to a maximum of 5 cm depth with metal rod or hardwood peg, depending on nature of soil. The planting drills should be placed 10 cm apart	3470	Rm				
2.9	Plantation of bamboo shrubs along with excavation and watering all complete	22.00	Nos				

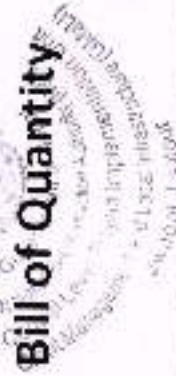
Handwritten signature/initials

Project Director



Government of Nepal  
National Reconstruction Authority  
**Central Level Project Implementation Unit (CLPIU)**  
Grant Management and Local Infrastructure (GMALI)

Jwajpal Lalitpur



**Bill of Quantity**

- 1 Name of the program Bio Engineering Works
- 2 Name of the project: Sankhu Paluwari Nagarkot Road
- 3 Working location: Kathmandu/Kavre

Fiscal Year: 2074/75

S. no.	Particulars	Quantity	Unit	Rate (NRs.)		Amount (NRs.)	Remarks
				In Figure	In Words		
2.10	Weaving bamboo tree guards using bamboo poles as uprights: 1.60 m in height and weaving split bamboo with the outer wall intact around the posts. Dimensions of the guard are 0.60 m dia * 1.3 m high	260.00	Nos				
2.11	Brush layer work : including preparation of terraces of 30-40 cm wide and laying live cuttings of selected species along the terrace @ 5 cm dia with 2/3 of cuttings in to terrace and leaving one bud and upto 1/3 of the cuttings sticking beyond the terrace edge (Cutting can be of assuro, simali etc of 45-60 m length)						
3	<b>Part-III Fencing works as per Engineers Approval</b>						
3.1	Earthwork in excavation clay and silty soil						
	Fencing pole 1600/2.5 = 640						
3.2	Dry stone filling including ramming all complete						
	Fencing pole 1600/2.5 = 640	44.10	Cu M				
3.3	PCC (1:2:4) concrete for foundation including curing						
	Fencing pole 1600/2.5 = 640	9.80	Cu M				
		44.10	Cu M				

2074

Project Director



Government of Nepal  
National Reconstruction Authority  
**Central Level Project Implementation Unit (CLPIU)**  
Grant Management and Local Infrastructure (GMALI)  
Bhagal, Lalitpur

- 1 Name of the program :Bio Engineering Works
- 2 Name of the project :Sunshu Paluwari Nagarkot Road
- 3 Working location: Kathmandu/Kavre

**Bill of Quantity**

Fiscal Year: 2074/75

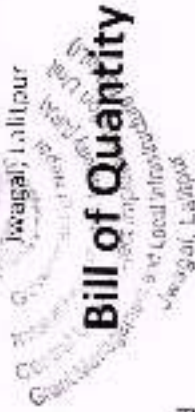
S. no.	Particulars	Quantity	Unit	Rate (NRs.)		Amount (NRs.)	Remarks
				In Figure	In Words		
3.4	Supply and laying of 2" dia Black pipe post of length 1.2 m including whole fast cap all complete Fencing pole 1600/2.5 = 640	3158.40	Kg				
3.5	Supply of 12 Gauge SWG Barbed Wire fencing 5 line horizontally and 2 line diagonal crossing including fixing in position all complete Horizontal Straight line perimeter L=400*4 = 1600	10000.00	Rm				
3.6	Supply of watchmen for watching, weeding as well as watering new plantation area etc as directed by site engineer	15.00	Months				
3.7	Supplying and laying of project information signboard (6"×4") of steel plate & pipe post 2" dia fixing by concrete all complete at site	1.00	Nos				
3.8	Readymade approved color enamel paints 2 coats over one coat of metal primer	99.96	Sq M				

  
Project Director





Government of Nepal  
National Reconstruction Authority  
**Central Level Project Implementation Unit (CLPIU)**  
Grant Management and Local Infrastructure (GMA/LI)



### Bill of Quantity

- 1 Name of the program ADB loan
  - 2 Name of the project: Sankhu Paluwari Nagarkot Road
  - 3 Working location: Kathmandu/Kavre
- Fiscal Year: 2074/75

S. no.	Particulars	Quantity	Unit	Rate (NRs.)		Amount (NRs.)	Remarks
				In Figure	In Words		
4	<b>Part-IV Gabion protection works</b>						
4.1	Earthwork in excavation clay and silty soil gabion foundation	18.00	Cu M				
4.2	Supply of machine made gabion box of mesh size 100*120 mm hexagonal size with diaphragm all complete at site	264	Sq M				
4.3	Packing and filling of gabion crates with rubble stones same as dry masonry	48.00	Sq M				
4.4	Earthwork in backfilling work including leveling all complete	8.00	Cu M				
	<b>Sub Total</b>						
	ADD: 13 % VAT						
	<b>Total with VAT</b>						

*(Handwritten signature)*

*(Handwritten signature)*  
Project Director