

# Local Infrastructure for Livelihood Improvement जीवनस्तर सुधारका लागि स्थानीय पूर्वाधार कार्यक्रम

LILI  
लिली

PSU, Jawalakhel, Lalitpur  
GPO Box 688, Kathmandu, Nepal  
www.helvetasnepal.org.np/lili.htm

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e-mail: lili@helvetas.org.np

Date: September 14, 2010

## TO WHOM IT MAY CONCERN

This is to certify that the SITARA CONSULTANT PVT. LTD. Kupandole Lalitpur Nepal has successfully completed the **Detail Survey Design and Cost Estimate report** of following enlisted below Farmer's Managed Irrigation Schemes at Kalikot & Achham Districts as per agreement made on dated 17 February 2010.

### Kalikot District:

1. Pani Cheura IP, Manma-1&2
2. Koilrala Gaun IP, Manma-5
3. Simbhat Chakha IP, Manma-1&2
4. Naula Pokhari IP, Manma-7,8&9
5. Kapda khulalu IP, Lalu-4
6. Bishudev Tallogadi Gaun IP, Lalu-1,3,5&8
7. Sayagada Pond IP, Manma-2
8. Thamkot Jukepani IP, Manma-2
9. Kalakhadi Pond IP, Mama-5
10. Paneri Swuna Dhara Pond IP, Manma-2
11. Chautha Pond IP, Lalu-1
12. Rithapani Pond IP, Lalu-4
13. Gharali Pond IP, Lalu-4
14. Thada chayakafal Pond IP, Lalu-6
15. Panikhal Pond IP, Lalu-9

### Achham District:

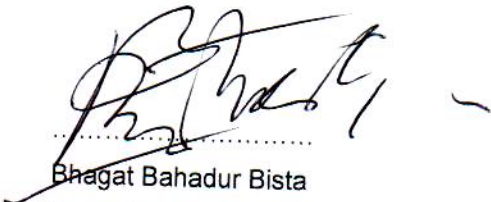
- 1 Siruwad IP, Chalsa-4
- 2 Sisnerikhola IP, Chalsa-9
- 3 Pipalchaur IP, Chalsa-3
- 4 Chahalkhel IP, Binayak-9
- 5 Bamnithan IP, Birpath-1
- 6 Syaldula IP, Kuika-2
- 7 Bukanekhola IP, Kuika-1
- 8 Sannekhola / Dhajera IP, Chalsa-6

The details of assignment/services and agreement are as follows:

Assignment: Survey, design cost estimate and economic analysis of 23 FMIS enlisted above

Duration of consultancy period: 120 days

Contract amount for assigned work: NRs 1,559,400.00

  
Bhagat Bahadur Bista

Team Leader



LILI is implemented in collaboration with the Government of Nepal, Civil Society Groups and Helvetas, Swiss Association for International Cooperation funded by the Swiss Agency for Development and Cooperation SDC.





Government of Nepal  
Ministry of Irrigation  
Department of Irrigation

Irrigation & Water Resources Management Project

Jawalakhel, Lalitpur

5530922  
5528585  
Fax : 5530938

Ref. No.:- 067/668/184

Date:.....

October 4, 2010

**TO WHOM IT MAY CONCERN**

This is to certify that **SITARA Consult Pvt. Ltd Pvt. Ltd.**, Kupondol, Lalitpur, have been successfully completed **Preparation of Asset Management Plan and Financial Management Plan in Component -B** (Irrigation Management Transfer) under Irrigation and Water Resources Management Project (IWRMP) for Mahakali Irrigation Project, First phase, Kanchanpur.

We found the services provided by the firm until date is satisfactory and expect the same quality of services in the days to come in the Irrigation sector.

We wish every success in future.  
Thanking you.

Er. Bashu Dev Lohane  
SDE  
IWRMP  
Senior Divisional Engineer



# Local Infrastructure for Livelihood Improvement

## जीवनस्तर सुधारका लागि स्थानीय पूर्वाधार कार्यक्रम

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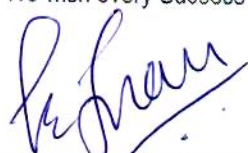
Date: December 26, 2011

### TO WHOM IT MAY CONCERN

This is to certify that **M/S SITARA Consult Pvt. Ltd.** Kupondole, Lalitpur Nepal has successfully completed the **Detailed Survey, Design, Cost Estimate and Socio-economic analysis** of following enlisted bellow **Farmer's Managed Irrigation Schemes** in **Different Districts** within F/Y 2010/2011.

S.N.	Canal	Pond	Location	Total Contract Amount	Total Command Area (Ropani)
1	Banpala, Gaun Kulo, Laiku Kuwabote, Rambadi and Mul Bato (Five Schemes)	Trishuli Khola, Ajambari Krishak Samuha, Phuleli, Naidekhli, Odhere Khola, Pilama Kholsi, Saune Dilungri, Siddababa and Dhara (Ten Schemes)	<b>Khotang District</b> (Nunthala, Bamgrang, Buipa, Diktel, Nunthala and Vijayakharka VDCs)	NRs 1,395,550.00	2085
2	Biurada Padilla, Punikhaya khola, Saitikagtada, Chaudi, Kudi, Dimre & Sisne (Six Schemes)	Gomane Pani, Badapat, Garkhet Ringate, Mulekhola & Sannachakhha (Five Schemes)	<b>Dailekh District</b> (Kashikandh, Naulekatwal, Vairikalikathum, Tilepata, Jambukandh, Badalamji, Rakam Karnali, Tolijaisi & Sigaudi VDCs)	NRs 1,101,750.00	1843
3	Khare Khola Dekhi bhulujula & Lamamela (Two Schemes)	Badikuna Pond, Dhode Khola, Gharkhet, Simal Khola & Sujeda (Five Schemes)	<b>Achham District</b> (Rahaf, Toli, & Dhamali VDCs)	NRs 7,39,245.00	790
4	Aama Khola, Bada Khola, Holu Khola Belchaur, Lauri Chhara Galpha & Mula Khola (Five Schemes)	Bagmare Raha, Daunne Khola, Deurali Khola & Jugemul vedmuni (Four Schemes)	<b>Jajarkot District</b> (Karkigaun, Dandagaun, Dhime, Laha, Khagenkot, Khalanga & Salma VDCs)	NRs 7,17,502.50	1819
Total	<b>18 Canal System</b>	<b>24 Pond System</b>		<b>39,54,047.50</b>	<b>6537=326.85 Ha.</b>

We wish every Success in future.



Bhagat Bahadur Bista  
Team Leader



LILI is implemented in collaboration with the Government of Nepal, Civil Society Groups and HELVETAS Swiss Intercooperation Nepal funded by the Swiss Agency for Development and Cooperation SDC.







Government of Nepal  
Ministry of Irrigation  
Department of Irrigation  
**Bheri Babai Diversion Multipurpose Project**  
Birendranagar, Surkhet

Date: 20 April, 2012

Ref No. 068-69

Dispatch No. 127

**TO WHOM IT MAY CONCERN**

This is to certify that the joint Venture of Messers Project Engineering Consultancy and Research (P.) Ltd, CEMECA Human Resource Academy Pvt. Ltd and SITARA Consult Pvt. Ltd., have successfully completed **Pre-feasibility Study** of Madi-Dang Diversion Project of following features.

<b>Amount of Consulting Services</b>	<b>Study Period</b>	<b>Project installed Capacity of Hydropower</b>	<b>Irrigation Command Area of Dang Valley</b>
NRs. 40,05,500 (including VAT)	F/Y 2067/68	86.6 MW	40,200 ha

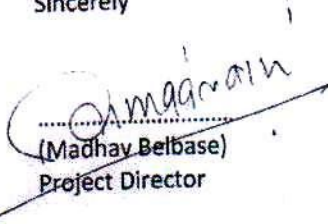
**Details of Scope of works consulting services area follows.**

- ❖ Assessment of water availability in Rapti River basin and its tributary Madi basin, assessment of Potential Area for Irrigation Development and Existing Irrigation Situation
- ❖ Assessment of water availability for transferring Madi River water to Dang Valley after allocating water to the downstream projects mentioned above
- ❖ Assessment of water availability at Dang Valley from different local sources and finding out the required water to be diverted to Dang valley from Madi River also calculation of Flood Frequency of Annual Maximum series and Basin Water balance Study
- ❖ Identify possible dam site in Madi River, tunnel alignment (25 Km), power house area, main canal alignment, and main canal structures and carry out prefeasibility level of field survey and investigation.
- ❖ Pre-feasibility level study of tunnel Alignment (25 Km) and its other audit tunnel accessories for Diversion Project.
- ❖ Geological Investigation of Headwork's Site, Tunnel & Outlet Structure, Engineering Geological Mapping, 2D Electrical Resistibility tomography (ERT) test of Tunnel Alignment (4 Km).
- ❖ Design of Irrigation System, Irrigation, Hydropower structures, Transmission line, Design of Agriculture Development Plan, Irrigation Development Plan, Hydropower Development plan and Project Optimization.
- ❖ Estimation of Model Structures and Calculation of cost and benefit of the project and carry out cost benefit analysis and sensitivity
- ❖ Construction Planning, Schedule of the Project, also Conclusion and Recommendation of the Study.

We found services provided by the firm until date is satisfactory and expect the same quality of services in the day to come in the Hydropower development work.

We wish every success in future.

Sincerely

  
(Madhay Belbase)  
Project Director

**Project Director**





Government Of Nepal  
Ministry of Irrigation  
Department of Irrigation

5-537313  
5-537136  
5-535382  
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5-529954  
5-537308

Fax No.: 977-1-5-537169  
Website: www.doi.gov.np  
Email: doi@info.com.np  
Jawalakhel, Lalitpur

Ref. No.: 162/070/071

Date: September 27, 2013

TO WHOM IT MAY CONCERN

This is to certify that the Joint venture of M/S Full Bright Consultancy P. Ltd. and M/S SITARA Consult Pvt. Ltd. Sinamangal, Kathmandu, Nepal have successfully completed Detailed Feasibility Study for the extension of eastern main canal of Bagmati Irrigation Project (BIP) of following features.

Amount of Consulting Services	Study Period	Extension of Eastern main canal of BIP	Irrigated command Area from extension of Main canal
NRs. 14,70,130.00 (Including VAT)	July 2012-June 2013	45.5 m <sup>3</sup> /sec capacity, 13.108 km extension from Jhim River up to Banke River.	17,400 ha


Details of Scope of work of consulting services area follows.

- Assessment of size of the irrigation area.
- Conduct L-section and Cross section survey of canal (Main and Branch) alignment and at cross drainages.
- Make detail water resources analysis of the source.
- Collect Meteorological Hydrological data of the study area for calculating discharge required for supplementary irrigation
- Prepare design and drawings of all the major structures that are proposed for the system
- Collect demographic and socio-economic data of the command area, including employment, farm income etc. required for socio economic analysis.
- Collect all the relevant data from within the command area for the assessment of institutional capability of the water users
- Collect all the relevant data from command area and its surrounding for economic analysis of the project.
- Assess the appropriateness of the present cropping patterns in the command area based on current agricultural practice.
- Collect all the relevant information from the command area for economic analysis.
- Examine the strengths and weaknesses of the current agricultural support services and their adequacy to fulfill future requirements.
- Propose realistic cropping pattern, intensity, crop yield, crop inputs in consultation with the water users.
- Recommend agriculture inputs for the proposed cropping pattern and discuss with relevant expertise and water users.
- Assess the prevailing agricultural practice, the farm household incomes, etc.
- Assess existing agricultural support services, extension services, credit inputs and agro processing and storage capacity.

We found the services provided by the firm until date is satisfactory and expect the same quality of services in the days to come in the Hydropower development work.

We wish every success in future.

Sincerely

  
Mohan Prasad Sangroula  
Senior Divisional Engineer

Chle



# Local Infrastructure for Livelihood Improvement जीवनस्तर सुधारका लागि स्थानीय पूर्वाधार कार्यक्रम

# LILI लिली

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Date: February 12, 2013

## TO WHOM IT MAY CONCERN

This is to certify that **M/S SITARA Consult Pvt. Ltd.** Kupondole, Lalitpur Nepal has successfully completed the **Detailed Survey, Design, Cost Estimate and Socio-economic analysis** of following enlisted **Farmer's Managed Irrigation Schemes** in Different Districts within F/Y 2011/2012.

S.N	Canal	Pond	Mixed	Location	Total Contract Amount	Total Command Area (Ropani)
1	Gadigaun Simli Kulo Canal Irrigation Project, (One Scheme)	Mulpani, Barepatta Bada khola, Manma Barpata, Damai Tole Bhandari, Baghmare, Mogra and Sarapada pipaldhara (Seven Schemes)	Duni Khola (One Scheme)	Dailekh District (Badabhairab, Badakhola, Kalbhairab, Nepa, NauleKatwal VDCs)	NRs 6,52,275.00	1099
2	Chhaprel Khet Canal Irrigation Project (One Scheme)	Pithigauda, Gorti Khola, Pakhuri Khola, Tallo Sisneri Khola (Four Schemes)		Dailekh District (Baluwatar, Kashigadh VDCs)	NRs 3,62,375.00	725
3	Juke Muhan, Matebesi, Pokali Dovan Likhu Jaruwa, Rajkulo, Selele, Gelaktu, Juke Gagate, Juke khola, Dude Khola Tarkerabari Canal Irrigation Project. (Nine Schemes)	Putha Change Pond Irrigation Project. (One Schemes)		Okhandhunga District (Khijiphalate, Khijichandes hory, Yasam, Gamnangtar, Tarkerabari, Pokali, Okhaldhunga, VDCs)	NRs 7,24,750.00	2550
4	Daha Khola Canal Irrigation Project (One Scheme)	Danda Dhaneri, Timile Khaltakuri Pond Irrigation Project (Two Schemes)	Aata Khola Puddyara Mixed Irrigation Project	Jajarkot District (Punma, VDC)	NRs 2,89,900.00	954
Total	<b>12 Canal System</b>	<b>14 Pond System</b>	<b>2 Mixed System</b>		<b>20,29,300.00</b>	<b>5328</b>

We wish every Success in future.

  
Susan Shakya  
Technical Coordinator



LILI is implemented in collaboration with the Government of Nepal, Civil Society Groups and HELVETAS Swiss Intercooperation Nepal funded by the Swiss Agency for Development and Cooperation SDC.





# Local Infrastructure for Livelihood Improvement

## जीवनस्तर सुधारका लागि स्थानीय पूर्वाधार कार्यक्रम

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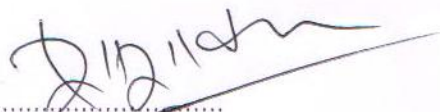
Date: September 27, 2013

### TO WHOM IT MAY CONCERN

This is to certify that M/S SITARA Consult Pvt. Ltd. Pulchowk, Lalitpur Nepal has successfully completed the **Detailed Survey, Design, Cost Estimate and Socio-economic analysis** of following enlisted Farmer's Managed Irrigation Schemes in Different Districts within F/Y 2012/2013.

S.N	Canal	Pond	Location	Total Contract Amount (Including VAT)	Total Command Area (Ropani)
1	Bashirukh Kallagau, Dhaula Jangala, Damma, Ghatte Khola, Reuchuli Dekhi Sugarpani, Ghoge Jajargaun, Buda Khola, Belgada, Sidhapani, Bashkhet Canal Irrigation Project. (Nine Schemes)	Chalnemul, Mathillo Bashrulkh, Tunirukh Jabaden, Baishan, Lugapani, Patakhani, Fulkot, Ratuwakhola, Agra, Ashipalandgunga, Kholathai Pond Irrigation Project. (Ten Schemes)	Achham District: (Toshi, Turmakhand, Mastabandali, Toli, Kalikasthan, Raniban, Dhamali, Dhaku, Ghodasain VDCs)	NRs.15,94,450.00	2369
2	Birti Khola Dihi, Chapabote, Puspate Khola, Pelu Khola, Mahadevthan Chakla Gairee Khet, Kolbote, Gauthali Dhunga, Balaute Khola, Sisne Khola Pokhare Birauta, Sisne Khola Bhagetar, Majhuwa Mahabhir, Bikase, Dhad Khola, Juke Mahabhir, Kopche Khani Khola, Kuloman, Simkaku Canal Irrigation Project. (Seventeen Schemes)	Mahabhir Devithan, Surke, Sepli Gogune Changa, Tharkhari, Majhuwa, Gope Khola, Dhada, Aarubote Pulipum, Bhote-Padhera, Churchure Lampata, Gorpa Khola, Kartike-Kharka Pond Irrigation Project (Twelve Schemes)	Okhaldhunga District: (Kuibhir, Bigutar, Ragadeep, Khijifalate, Ratmata, Fediguth, Fulbari, Baruneshwor, Khijikati, Serna, Rawadolu, Mamkha, Ubu, Katunje, Chyanam, Bilandu, Yasam, Kettuke VDCs)	NRs.22,46,725.00	5013
Total	26 Canal System	22 Pond System		NRs.38,41,175.00	7382

We wish every Success in future.



Susan Shakya  
Technical Coordinator



LILI is implemented by HELVETAS Swiss Intercooperation Nepal in collaboration with the Government of Nepal and is funded by the Swiss Agency for Development and Cooperation SDC.





**Government Of Nepal**  
**Ministry of Irrigation**  
**Department of Irrigation**

5-537313  
5-537136  
5-535382  
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5-537308

Fax No.: 977-1-5-537169  
Website: www.doi.gov.np  
Email: doi@info.com.np  
Jawalakhel, Lalitpur

Ref. No.: 161/070/041

Date: September 27, 2013

**TO WHOM IT MAY CONCERN**

This is to certify that the Joint venture of M/S Full Bright Consultancy P. Ltd. and M/S SITARA Consult Pvt. Ltd., Sinamangal, Kathmandu, Nepal have successfully completed Pre-feasibility Study of Sunkoshi-Marin Diversion Project (SMDP) of following features.

Amount of Consulting Services	Study Period	Project installed Capacity of Hydropower Component	Irrigation command Area of Bagmati Irrigation Project (BIP)
NRs. 36,58,940.00 (Including VAT),	July 2012-June 2013	36 MW	122000 ha

**Details of Scope of work of consulting services area follows.**

- ❖ Desk Study with use of Remote Sensing, Image Processing and Geographic Information System (GIS)
- ❖ Assessment of water availability in Sunkoshi basin, Marin River and Bagmati River, assessment of Potential Area for Irrigation Development and Existing Irrigation Situation
- ❖ Design of Irrigation Water requirement for whole command area of Bagmati Irrigation Project (BIP) through eastern and western main canal.
- ❖ Assessment of water availability for transferring Sunkoshi River water to Marin Valley after allocating water to the downstream projects mentioned above
- ❖ Assessment of water availability at Marin River from different local sources and finding out the required water to be diverted to Marin River from Sunkoshi River also. Calculation of Flood Frequency of Annual Maximum Series and Basin Water Balance Study
- ❖ Identify possible dam site in Sunkoshi River, Tunnel alignment (13.1 Km), power house area, and main canal structures and carry out prefeasibility level of field survey and investigation.
- ❖ Pre-feasibility level study of Tunnel Alignment (13.1Km) and its other audit tunnel accessories for Diversion Project.
- ❖ Geological Investigation of Headwork's Site, Tunnel & Outlet Structure, Engineering Geological Mapping, 2D Electrical Resistivity Tomography (ERT) Test of Tunnel Alignment.
- ❖ Design of Irrigation system, Irrigation, Hydropower structures, Transmission line, design of Agriculture Development Plan, Irrigation Development Plan, Hydropower Development Plan and Project Optimization.
- ❖ Environmental Assessment of project Site.
- ❖ Estimation of Model structures and Calculation of cost and benefit of the project and carry out economic and sensitivity analysis.
- ❖ Construction Planning, Schedule of the Project, also Conclusion and Recommendations of the study

We found the services provided by the firm until date is satisfactory and expect the same quality of services in the days to come in the Hydropower development work.

We wish every success in future.

Sincerely,

Chief

Mohan Prasad Sangroula  
Senior Divisional Engineer





Government of Nepal  
Ministry of Irrigation,  
Department of Irrigation  
**Bheri Babai Diversion Multipurpose Project**  
Birendranagar, Surkhet

Ref No. 071/72  
Dispatch No. 25

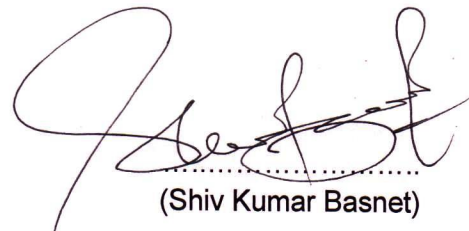


19<sup>th</sup> August, 2014

M/S SITARA CONSULT PVT. LTD.,  
Pulchowk, Lalitpur.

**Subject: Experience Letter**

It is certified that SITARA CONSULT PVT. LTD., Pulchowk, Lalitpur has successfully completed the "Planning and Design of Typical Lift Irrigation System using Solar Power in Bheri Corridor Area" (amount at completion: 2,99,450/-, Including Vat) as per the agreement. We appreciate the quality of the work performed by the Consultants and wish them all the best for future endeavor.



(Shiv Kumar Basnet)

**Project Director**





Government of Nepal  
Ministry of Irrigation  
Department of Irrigation

5-537136  
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5-527442

Fax : 977-1-5-537169  
Jawalakhel, Lalitpur

Date- Oct 10, 2014

Ref. No.:-

TO WHOM IT MAY CONCERN

This is to certify that the M/S SITARA Consult Pvt. Ltd. have successfully completed Detailed Feasibility Study of Jhimruk Darban Irrigation project Bangesal VDC Puythan of following features.

Amount of Consulting Services	Study Period	Irrigated command Area
NRS. 4,80,250.00 (Including VAT)	FY 2070/71	410 ha

Details of Scope of work of consulting services area follows.

- Assessment of size of the irrigation area.
- Conduct L-section and Cross section survey of canal alignment and at cross drainages.
- Make detail water resources analysis of the source.
- Collect Meteorological Hydrological data of the study area for calculating discharge required for supplementary irrigation
- Prepare design and drawings of all the major structures that are proposed for the system
- Collect demographic and socio-economic data of the command area, including employment, farm income etc. required for socio economic analysis.
- Collect all the relevant data from within the command area for the assessment of institutional capability of the water users
- Collect all the relevant data from command area and its surrounding for economic analysis of the project.
- Assess the appropriateness of the present cropping patterns in the command area based on current agricultural practice.
- Collect all the relevant information from the command area for economic analysis.
- Examine the strengths and weaknesses of the current agricultural support services and their adequacy to fulfill future requirements.
- Propose realistic cropping pattern, intensity, crop yield, crop inputs in consultation with the water users.
- Recommend agriculture inputs for the proposed cropping pattern and discuss with relevant expertise and water users.
- Assess the prevailing agricultural practice, the farm household incomes, etc.
- Assess existing agricultural support services, extension services, credit inputs and agro processing and storage capacity.

We found the services provided by the firm until date is satisfactory and expect the same quality of services in the days to come in the Hydropower development work.

We wish every success in future.

Sincerely

Bihnu Kumar Shrestha  
Engineer

Irrigation feasibility Study  
and  
Construction Quality program



# Local Infrastructure for Livelihood Improvement जीवनस्तर सुधारका लागि स्थानीय पूर्वाधार कार्यक्रम

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Date: 28<sup>th</sup> July 2014

## TO WHOM IT MAY CONCERN

This is to certify that **M/S SITARA Consult Pvt. Ltd.** Pulchowk, Lalitpur Nepal has successfully completed the **Detailed Survey, Design, Cost Estimate and Socio-economic analysis** of following enlisted **Farmer's Managed Irrigation Schemes** of Different Districts in F/Y 2013/2014 as per agreement made with LILI-HELVETAS Swiss Intercooperation Nepal.

S.N	Canal Irrigation system	Pond Irrigation System	Location	Total Contract Amount (Including VAT) NRs.	Total Command Area (Ropani)
1	Darakha Dathatari CIP, Ghatte Khola CIP, Gogane Khola Rato Pairo CIP, Jomsa Khola Simletar CIP, Kalidhaha CIP, Khaireni CIP, Kholekharka Beshi Patabari CIP, Majha Gaun CIP, Pipal Tas CIP, Poku Khola CIP, Swara Thulo Khet CIP <b>(Eleven Schemes)</b>	Dhudule Khola PIP, Ghatte Khola PIP, Jomsa Ghatte Khola PIP <b>(Three Schemes)</b>	<b>Ramechhap District:</b> (Khimti, Rasnal, Pinkhuri, Hilledevi, Rakathum, Nagdhaha, Saipu, Majuwa VDCs)	1,014,650.00	2,759.0
2	Aahale Dublakha Hopsima CIP, Chaukhu Khola Bepla CIP, Chhepe Ramba CIP, Chhyage CIP, Dirku Khola Nakedada Tamakhu CIP, Godu Khola CIP, Jyamire Salghari CIP, Kalikhola Bakachol Aaitabare CIP, Kankhe Khola Birudada CIP, Kankhe Khola CIP, Kankhe Khola Sipteli CIP, Lamju Khola Sabru CIP, Lamju Tindovan CIP, Mekukhola Sanodumre CIP, Rimdikha CIP, Sohramure Muhan CIP, Tame Khola Walsi CIP, Tapkhola Maldelfedi CIP, Thyapu Khuwabang CIP, Toktha Wariyo CIP, Walsi Lukursi Khola Lamadel CIP <b>(Twenty One Schemes)</b>	Chheku Sabru PIP, Daregauda Muldhara PIP, Gharanka Ghayay PIP, Juge Pani Mamkha PIP, Lamju Khola Bhirkhuna PIP, Mekukhola Majhagaun PIP, Rawakhola Kauchhe Tunsitar PIP, Simlekhola Simle PIP, Simlekhola Thapadel PIP <b>(Nine Schemes)</b>	<b>Khotang District :</b> (Nerpa, Makpa, Kharmi, Baspani, Sapteswor, Bakachol, Maheshwori, Sundel, Jalpa, Bagsila, Jaleshowri, Rakhabangdel VDCs )	2,174,250.00	5,740.0
3	Gokhera CIP, Mainikhola Simesal CIP, Padheri Khola Pahelobari CIP, Patal Khola CIP, Sang Khola Matkeni CIP, Vidkhola Ping Halne Rukh Tirkule CIP <b>(Six Schemes)</b>	Dhare Khola PIP, Ghadika Aawat Mathillo Kaddhara PIP, Kamidhara PIP, Mulpani PIP, Nauli PIP, Pangkot PIP, Sakindhara PIP <b>(Seven Schemes)</b>	<b>Dailekh District:</b> (Lakuri, Dandaparajul, Seri, Khadakbada, and Malika VDCs)	1,014,650.00	2,530
Total	<b>Thirty Eight Canal System</b>	<b>Nineteen Pond System</b>		<b>4,203,550.00</b>	<b>7,382</b>

We wish every Success in future.



Er. Susan Shakya  
Technical Coordinator



LILI is implemented by HELVETAS Swiss Intercooperation Nepal in collaboration with the Government of Nepal and is funded by the Swiss Agency for Development and Cooperation SDC.







Government of Nepal  
Ministry of Energy

Budhi Gandaki Hydroelectric Project Development Committee



Ref. No. 325

Date : 27<sup>th</sup> Dec 2016

To Whom It May Concern

This is to certify that the Joint Venture of **M/S Full Bright Consultancy (P). Ltd** and **M/S SITARA Consult (P). Ltd. Sinamangal, Kathmandu, Nepal** has successfully completed the assignment for the “*The study of the Utilization of Water Resources along the Downstream of Budhi Gandaki Hydroelectric Project (Job No.-2071/72-1)*”.

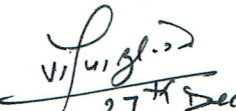
Job No.	:	2071/72-1
Date of Agreement	:	2072/03/02
Contract Amount	:	NRs. 3,352,145.00 (Including VAT)
Date of Completion	:	2073/03/25

**The scope of the Works of the Assignment comprised of the following tasks:**

- Collection and Review of Existing Documents and Literature including Gandak Treaty
- Study about international River Basin Management System
- Study on Re-regulating system
- Study of Irrigation in Territory of Nepal
- Study of Irrigation in Territory of India.
- Study of Hydropower in Territory of Nepal.
- Study of Hydropower in Territory of India
- Study on other Downstream Impacts
- Study on Safety and Hazard
- Study about Multiple Use of Water
- Study on utilization of Augmented flow
- Benefit Cost Analysis of Downstream Water Resources
- Presentation of Draft Reports
- Preparation and Submission of Final Reports as per TOR.

We believe that the consultant has full filled all the obligations as per terms and condition of the contract. This office highly appreciates the services of the consultants and wishes them continuous progress.

Sincerely yours

  
27<sup>th</sup> Dec, 2016

Er. Gopal Basnet  
Executive Director





नेपाल सरकार  
सिंचाइ मन्त्रालय  
सिंचाइ विभाग

०७६-५६०४७०

सिंचाइ व्यवस्थापन निर्देशनालय

## बाणगंगा सिंचाइ व्यवस्थापन डिभिजन

पत्र संख्या:- ०७४/०७५

चलानी नम्बर:- ६



मिति ..... 2074/04/04

### विषय:- To Whom It May Concern

This is to certify that the Joint Venture of **Environment and Resource Management Consultant (P.) Ltd. (ERMC), SILT Consultants (P.) Ltd. (SILT) and SITARA Consult (P) Ltd. (SITARA) Pulchowk, Lalitpur, Nepal (ERMC-SILT-SITARA JV)** has successfully completed the assignment for the “**Detailed Engineering Survey, Design and Cost Estimate for the Rehabilitation of Banganga Irrigation System (6350 ha) (Package Number: BIMD/072-73/CS-1)**”.

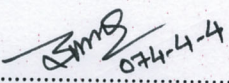
Date of Agreement	:	2073/01/27
Contract Amount	:	NRs. 27,68,500.00 (Including VAT)
Date of Completion	:	2074/01/22
Command Area	:	6350 ha

#### The scope of the Works of the Assignment comprised of the following tasks:

- Collection of information of existing irrigation structures from secondary sources as well as from the field.
- Study on Headwork's site for its maintenance/ rehabilitation and upstream/ downstream protection works.
- Collection of hydro-meteorological and geological data from secondary sources as well as from the field.
- Detailed Topographic Survey of Headwork area, Canal alignment and Reservoir area.
- Detailed Inventory and survey of the existing feeder canal, main, minor, branch and distributaries canal for rehabilitation.
- Geological and infiltration study of Project area.
- Detailed design of canal and associated structures, drainage and protection works for existing structures.
- Detail study on Jagadispur reservoir for increasing its capacity and calculation of amount of silt to be excavated using appropriate tools/techniques.
- Preparation of layout map, detailed drawings of all design works.
- Prepare cost estimate of irrigation system based on the current approved district rates of Kapilvastu district and approved norms of GoN for the rate analysis.
- Economic analysis for the rehabilitation project.
- Preparation and submission of final report as per the TOR.

We believe that the consultant has full filled all the obligations as per terms and condition of the contract. The Division highly appreciates the services of the consultants and wishes them continuous progress.

Sincerely yours

  
074-4-4

Er. Tara Prasad Bhatta  
Division Chief





Government of Nepal  
Ministry of Irrigation  
Department of Irrigation

## SIKTA IRRIGATION PROJECT

Nepalgunj, Banke

Government of Nepal  
Ministry of Irrigation  
Department of Irrigation  
Sikta Irrigation Project  
Nepalgunj Banke

Tel: 081-550173  
081-550570  
01-5530952  
Fax: 081-550191  
01-5530952

Ref. No. Tech. 073174-38(Cons.)

Date: May 12, 2017

### TO WHTO IT MAY CONCERN

This is to certify that the Joint Venture of CMS Engineering Consult Private Limited., Full Bright Consultancy (Pvt) Ltd and Sitara Consult Pvt. Ltd. have substantially completed the work for the following consulting assignment for this Project in February 2017.

Assignment Name: **Detail Planning and Engineering Design of Branch Canals and associated command area development downstream of chainage 35+000 of Sikta Irrigation Project**

Project Location: **Banke district, Far-western Development Region, Nepal**

Command Area: **14,400 ha**

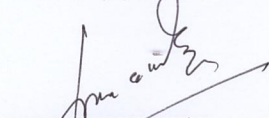
Period of the Services: **December 2015 to May 2017**

Cost of the Consulting Services: **NPR 19,775,000.00** (inclusive of VAT)

#### **Major Activities Performed by the Consultant:**

1. Reviewed present practices of Command Area Development and Study Reports and identified the best approach, level and scope of development such as sizing of blocks, rotational/non-rotational, gated/ungated etc. that is best suited for the target area.
2. Planned established and conducted ground control point survey (63 control points covering 600 sq.km area) and prepared/ updated topographical map having contour interval of 0.25 m using DEM derived from LiDAR data.
3. Carried out field survey required for planning, design and layout of irrigation system covering all the project area from head regulator to the secondary canal down to field channel.  
Phase I: 4 Secondary Canals (**total 20 km**)  
Phase II: 2 Secondary Canals (**total 20.5 km**)
4. Prepared Command area development plan, up to a level of 28 ha area including planning for outlets to a block of 4 ha.
5. Prepared detailed drainage development plan of the command area, including command area protection work.
6. Prepared system operation plan for effective delivery of irrigation water to the users.
7. Prepared detailed cost estimate system design, drawings and Bill of Quantities.
8. Prepared the Detailed Design Report.

Sincerely yours,

  
(Ramesh Basnet)

**PROJECT DIRECTOR**