MINUTES OF THE 11TH MEETING OF THE NEPAL-INDIA JOINT TEAM OF EXPERTS ON SAPTA KOSI HIGH DAM MULTIPURPOSE PROJECT AND SUN KOSI STORAGE-CUM-DIVERSION SCHEME HELD ON 1-4 FEBRUARY, 2012 IN KATHMANDU.

The eleventh meeting of the Joint Team of Experts (JTE) between Nepal and India was held on 2-4 February, 2012 in Kathmandu. The Nepalese Team was led by Mr D. B. Singh, Director General, Department of Electricity Development, Government of Nepal (GoN) and the Indian Team was led by Mr. S.P. Kakran, Member (River Management), Central Water Commission (CWC), Government of India (GOI). The composition of the Nepalese and Indian Teams is at Annex-I.

The Joint Team of Experts visited the project area by helicopter on 1 February 2012 that included proposed Kuruleghat dam site on river Sunkosi, alignment of diversion tunnel from Kuruleghat to Khadikhop powerhouse site, proposed Kamala dam and barrage site on river Kamala, submergence area along the valleys of Sunkosi, Arun and Tamor rivers of proposed Saptakosi dam, main dam axis, proposed spillway, proposed re-regulating dam at Sisauli on river Kosi, proposed alignment of eastern and western canals from Sisauli Head works to Indo-Nepal border upto river Mechi in the east and Samsari village in Mahottari district respectively.

Mr D. B. Singh, the leader of the Nepalese Team, extended a warm welcome to the Indian Team and wished that their stay at Kathmandu would be pleasant and comfortable. He mentioned that the progress of investigation works of Sapta Kosi High Dam Multi Purpose Project and Sun Kosi Storage-cum-Diversion Scheme is quite slow despite adequate security arrangements at the project area provided by the GoN and other required arrangements and support provided by both the Governments to the Project Managers of the Joint Project Office - Sapta Kosi Dam Project and Sun Kosi Storage-cum-Diversion Scheme Investigations (JPO-SKSKI) to complete the work in time. He further stressed that a lot of field activities are yet to be completed at the project area; for which working modalities are to be reviewed if needed to achieve the desired progress to expedite the field works and studies required for preparation of Detailed Project Report (DPR). He also laid stress on the necessity of mutual consultation on matters related to management of project investigation.

Mr. S. P. Kakran, the leader of the Indian Team expressed his sincere thanks to the Nepalese Team Leader and his team for the warm welcome and hospitality extended to the Indian delegation. While referring to the discussion held in the last JCWR meeting at New Delhi on 24-25 November, 2011, he recalled that both the Secretaries of India and Nepal had expressed their concern over the very slow progress in field investigations of Sapta Kosi High Dam Multipurpose Project including Sun Kosi Storage cum Diversion Scheme wherein they had desired the
JTE to expedite the field works in order to finalize DPR at the earliest. He stated that in this backdrop, the 11th JTE meeting becomes quite significant wherein we should put in joint efforts to look for ways and means to complete DPR in the stipulated timeframe to avoid further extension of tenure of JPO-SKSKI beyond February 2013.

Thereafter, the agenda of the 11th meeting of JTE was proposed and adopted (Annex-II). Subsequently, agenda items were taken up for detailed discussion as under:

11.1 Review of Physical Progress of Field Works (since last JTE Meeting held in August’2011 and the extension of tenure of JPO-SKSKI approved by Ministry of Water Resources, GOI).

The physical progress of field works as reported by Project Managers was reviewed and JTE observed with concern that the actual progress achieved so far, was not commensurate with the time already elapsed since the approval of CPIB communicated by Ministry of Water Resources (MOWR) vide the letter dated 18th February 2011. Out of the approved extended tenure of 30 months of JPO-SKSKI approved by the MOWR, GOI (from September 2010 to February 2013), 17 months have already elapsed with no significant progress. In order to complete the remaining field works and studies required for DPR within the remaining period of 13 months, JTE noted that very meticulous planning of each activity would be required by the Project Management so that timely clearances (required from concerned authorities) are obtained well in advance from the competent authorities.

JTE asked the Project Managers, JPO-SKSKI to explain their difficulties and manpower required to expedite completion of the balance works/ activities/ studies and finalize the DPR in time. While deliberating on each of the agenda items, JTE directed them to follow all the codal procedures in future to cut short the time lost in securing the approval from the competent authorities.

A statement showing the present status of each work/ activity / studies required for completion of DPR, balance works/studies yet to be taken up/ completed, revised schedule of completion and action plan to meet the targets set for the Project Management was prepared/ approved by JTE for follow up action which is annexed at Annex-III.

Upon detailed discussions held on the above, the following decisions were taken by JTE and approval accorded for further action:

1. **EIA Studies- Nepalese Territory**

The JTE was informed that the technical estimate amounting to NRs.6,61,60,521.00 (Nepalese Rupees six crore sixty one lakh sixty
thousand five hundred twenty one only); that was prepared by the JPO-SKSKI for award of the EIA study of the Sapta Kosi High Dam Multipurpose Project and Sun Kosi Storage-cum-Diversion Scheme in Nepalese Territory and submitted to the Team Leaders of JTE for consideration has been approved by the Team Leader (JTE- Nepal). It was also informed that the man-months taken in the said estimate for EIA study are based on the works to be accomplished by consultants as per the environmental regulations of Government of Nepal and the maximum monthly charges for the consultants adopted in the estimate are NRs.66000/-, which are considered reasonable by the JTE. After detailed deliberations with regard to the scope of the study, JTE accorded the technical sanction to the estimate amounting to NRs. 6,61,60,521.00 only towards the EIA study in Nepalese Territory.

JTE further noted that technical bids received for the EIA study had been opened by JPO-SKSKI in the month of July 2011 and evaluated by the Tender Evaluation Committee (TEC) in December 2011. The recommendations of the TEC were deliberated in the meeting and accepted by the JTE. The JTE directed JPO-SKSKI to open the financial bids of the qualifying bidders for further necessary action.

2. Additional Topographical Surveys for Diversion Tunnel

Project Managers informed the JTE that an Inter-disciplinary Team of Experts from Nepal and India had inspected the three alternative dam sites across Sunkosi River from 13th to 19th of December, 2011 and after inspection, finally selected the sunkosi dam at Kuruleghat. Thereafter, alignment of diversion tunnel from Kuruleghat to Khadikhop powerhouse site was marked on topographic maps of 1:25000 scale. This has increased the tunnel length resulting into additional survey of the area from earlier estimated area of 16.5 sq km to 26.6 sq. km. which was not covered in the original scope of topographical surveys. As the topographical surveys of the project area in Nepal has already been entrusted with Department of Surveys, GON, the final alignment approved by the expert team has been handed over to Department of Survey to carryout topographic survey and for preparation of large scale maps on 1:10,000. The Department of Surveys has mobilized the survey team in the field and control points are being set up.

As per the MoU signed between JPO-SKSKI and Department of Surveys, GON; the above referred additional work would cost to JPO-SKSKI as NRs. 65,15,989.00 (Nepalese Rupees sixty five lakh fifteen thousand nine hundred and eighty nine only) on pro-rata basis.

JTE approved the enhanced quantity of tunnel alignment survey at the above cost.
3. **Award of Drilling Work at Sapta Kosi Dam Site to Nepal Electricity Authority on Nomination Basis**

Project Managers informed JTE that, for drilling of 930 m (10 holes) and related works, NEA had submitted its proposal at a cost of NRs 3,45,50,000/- (NRs. Three Crore Forty Five Lakh Fifty Thousand only) which was discussed in the 10th meeting of JTE held on 22-23 August, 2011 at New Delhi and found to be on the higher side. JTE had therefore, directed the Project Managers of JPO-SKSKI to negotiate the rates with NEA. Accordingly, the proposal offered by NEA was negotiated and brought it down to NRs. 3,17,07,420/-. For the said work, a detailed estimate was also prepared by the JPO-SKSKI based on present market rates of manpower and machineries and submitted to the Team Leaders of JTE for consideration. The estimated cost amounting to NRs 3,02,67,450/- (Nepalese Rupees Three crore Two lakh Sixty Seven thousand Four hundred Fifty only) of the work was approved by both the Team Leaders.

As per the delegation of Financial Powers, the instant case of award of work on nomination basis to NEA for NRs.3,17,07,420 was beyond the powers of Project Managers, hence it was referred to Team Leaders of JTE. The approval of the Team Leader of JTE (Nepal) for award of work to NEA was obtained. The Indian Team Leader informed JTE that the power to award the works beyond IRs. 20 Lakh only on nomination basis rests with the Minister (Water Resources), GOI as per financial rules in India and therefore, it was put up to the competent authority for approval. The case has been approved by the Minister on file and the orders are being issued by the Ministry of Water Resources very shortly. The Project Managers may inform NEA accordingly.

JTE ratified the approval of above mentioned technical estimate amounting to NRs 3,02,67,450/- (Nepalese Rupees Three crore Two lakh Sixty Seven thousand Four hundred Fifty only).

4. **Geological Logging and Mapping**

Project Managers informed that a team comprising of four Geologists from Geological Survey of India (GSI) carried out geological mapping of Sapta Kosi project area between 15th November and 15th December 2011, covering dam, powerhouse, spillway, intake area, HRT & TRT, inlet to outlet of diversion tunnels, including Sonakhubhi slide zone area at various elevations. The Team also carried out logging of existing 12 drifts at different elevations on left (6 numbers) and right (6 numbers) banks. The GSI Report on mapping is expected by 20th February, 2012. GSI indicated that as per latest geological surveys conducted by them, it may suggest some change in layout of dam complex. JTE noted the above.
After deliberation, it was decided that pending receipt of final report from GSI, a team of designers from CWC along with representative of JPO-SKSKI would visit GSI, Kolkata in 3rd week of February, 2012 to discuss latest findings of GSI team and make necessary correction in the location of structures in Sapta Kosi Project.

Regarding the geological mapping of Sunkosi diversion scheme, it was further informed by the Project Managers that GSI would take up the mapping of area only after completion of topographical survey by Survey Department, Government of Nepal. In order to avoid any delay, it was decided to request GSI Kolkata to carry out geological mapping of the aforesaid area along the topographical surveys being carried out by the Department of Surveys, GON.

Project Managers also informed that the MoU signed between JPO-SKSKI and GSI is going to expire on February 29, 2012 and there is urgent need to extend the MOU further for two years. JTE directed JPO-SKSKI to extend the period of MoU for one year and get entire studies completed within that period.

5. Flood Benefit Studies

Project Managers informed that flood damage data of 15 years (up to 2009) in respect of districts in North Bihar falling in Kosi, Kamala and Bagmati river basins have been collected from Government of Bihar (GoB) to assess the flood mitigation benefits to India and Nepal. The Indian Team Leader suggested that line department/agency of Nepal should be identified for assessment of flood benefits from the project. JTE accepted the suggestion and it would be discussed further in the next JTE meeting. In order to assess the flood benefits to India, it was agreed that the representative of State Government of Bihar (India) would be associated for consultations.

6. Construction Material Survey

Project Managers informed that samples of coarse and fine aggregates for Sapta Kosi Project were collected in May, 2011 (from Bagh Khola, Patnali Khola, 100 m d/s of new intake of Chatra Power House, Lyoti Khola and 50 m u/s of Chatra Ghat) and for Sun Kosi Project in May-June, 2011 (from 500 m d/s of confluence of Jyamire Khola & Belsot Khola, 250 m u/s of Belsot Khola, confluence of Safi Khola & Panero Khola, 50 m, 300 m and 500 m u/s of proposed dam axis of Kamala river, confluence of Kamala river & Chisapani Khola, 50 m u/s of Ratu Khola Bridge, 70 m u/s of Badari Khola Bridge, 20 m d/s of Aurahi River Bridge and 70 m d/s of Charnath Bridge) and sent to CSMRS, New Delhi. The report from CSMRS is expected shortly.

In order to expedite the construction material survey for rock fill dam, the Indian side agreed to arrange requisite quantity of explosives at Indo-Nepal border and requested Nepalese side to arrange for requisite clearances and securities arrangement for transportation of the explosives.
in Nepal from the concerned ministries. The Nepalese side agreed to the suggestion so that the rock samples are arranged in the month of April 2012 and sent to CSMRS, New Delhi.

7. **Power System Studies**

The Project Managers informed that Power System Survey and Power Evacuation Studies in Nepalese Territory are not yet finalized and officers from Nepal Electricity Authority (NEA) were approached for an interactive meeting with CEA officers for firming up proposals. It was decided that a meeting between NEA and CEA should be arranged within a fortnight to sort out the issues related with the study and initiate necessary action for carrying out power system studies in Nepal.

8. **Communication Survey**

The Project Managers informed that the Tender Evaluation Committee (TEC), after going through the EOI and RFP documents prepared by JPO-SKS, suggested adhering to two stage processes of selection of consultants i.e. first going for short listing of reputed firms through EOI (explicitly mentioning minimum Eligibility Criteria and stating minimum number of years of experience in 'Communication Survey' in similar type of project in Nepal or India) and then issuing of RFP documents to the shortlisted firms. Also, the firm should have executed at least three projects related to 'Communication Survey' of similar nature with each one costing IRs. 30 lakh or more. The Committee also suggested following the procedure mentioned for procurement of consultancy services outlined in the 'Manual of Policies of Procedure of Employment of Consultants' issued by Department of Expenditure, Ministry of Finance, Government of India in August 2006 and subsequent modification, if any. The detailed estimate for communication survey has also been framed.

JTE was informed that the above study would be done through competitive bidding.

9. **Irrigation Studies and Command Area Survey in Nepalese Territory**

The Project Managers informed that the RFP document for carrying out the Irrigation and Command Area Studies in Nepalese Territory is under progress.

In order to expedite the irrigation studies and command area survey in the Nepalese territory, JTE decided that the work could be awarded to M/s WAPCOS[I], New Delhi who are already associated with the similar work in Indian territory, on nomination basis. However, a detailed estimate for the above work involving survey of main canal, branch canal, distributaries & minors and command area survey (of 10% area of total CCA) including irrigation studies should be prepared based on the present schedule of rates and obtain technical sanction from the competent authority. Team Leader- JTE[I] assured that he would discuss the matter with CMD, WAPCOS and let Nepalese side know the outcome of the
discussion. In case, M/s WAPCOS(I) agree to carry out the above survey as per the agreed terms of reference, an emergency meeting of JTE can be convened to approve the proposal.

10. Inland Navigation Studies

Project Managers informed that the comments of the Task Force constituted by Government of Nepal on Navigation Studies on Sapta Kosi River were received in August, 2011 and sent to M/s RITES to carry out a fresh exercise and arrive at an updated freight traffic flows. It was re-submitted in October, 2011 and was examined in JPO-SKSKI. The final report considering 'traffic under most likely scenario' is likely to be submitted by the end of February, 2012.

After deliberation on the above, JTE decided that the power potential studies by CEA may be carried out for both scenarios viz. without navigational channel and with navigational water requirement. Further, it was decided that the project cost to be borne by the beneficiary department/agency should be worked out by referring the study report to the concerned ministries in GON as well as GOI. This exercise should be completed before the next JTE meeting to take a final view on the water requirements of different user agencies.

11.2 Enhancement of Financial Powers Delegated to JPO-SKSKI

In sixth meeting of Joint Committee on Water Resources headed by the Secretaries of India and Nepal (JCWR) held at New Delhi on 24-25 November 2011, JCWR directed that financial powers delegated to the Project Managers, JPO-SKSKI may be enhanced in order to expedite the decision making process. Accordingly, the proposal for enhancement of delegated financial powers to the Project Managers/Senior Engineers on the pattern of financial powers available to field officers of CWC has been framed and processed in the Ministry of Water Resources, GOI for the approval of competent authority. Indian side informed JTE that approval of the competent authority is expected very shortly.

A statement showing the existing and proposed financial powers to the officers of JPO-SKSKI is at Annex-IV.

Till such time, the revised financial powers are approved by the competent authority the possibility of some of the powers which are already available to the JTE, could be delegated further to some senior officers so that the decision making process becomes faster was discussed. The Indian Team Leader informed that the field Chief Engineers in Central Public Works Department as well as Central Water Commission under Government of India are delegated full powers to “Accord of Technical Sanction” to the detailed working estimates prepared by the Executive Engineers. He proposed that since powers of technical sanction available with Project Managers are limited to IRs. 70 lakhs only and a lot of time is lost in seeking the approval from JTE in the present system, the powers to
accord Technical Sanction beyond the present ceiling of IRS. 70 lakhs may be exercised by the Chief Engineer, CWC, Patna on behalf of the JTE who is also the administrative head of JPO-SKSKI for all other purposes.

JTE discussed the above proposal and approved it. JTE decided that henceforth, the Chief Engineer (LGBO), CWC, Patna would accord the technical sanction to the working estimates beyond the delegated powers of Project Managers, in order to expedite the decision making process.

11.3 Preparation of Estimates of Works/Studies And Accord of Technical Sanction

JTE noted with concern that in many cases, officers of JPO-SKSKI are not following the existing procedures while preparing the detailed estimates and technical sanction is being accorded to the working estimates without having any approved Schedule of Rates (SOR). It was decided that in future the Project Managers would ensure that the detailed working estimates are prepared with due diligence on the basis the approved/scheduled rates. JPO may adopt its SOR based on basic rates of manpower, machineries and materials applicable in the project area (Nepal).

In order to expedite the process of technical sanction of estimates costing beyond the delegated financial power of Project Managers, JTE delegated the power of according technical sanction to the working estimates, which are beyond the powers of Project Managers, to the Chief Engineer (LGBO), CWC, Patna. The Project Manager (Nepal) may however, continue to refer the cases of technical sanction of estimate to the Team Leader - JTE (Nepal) as per the existing practice.

JTE also directed that SOR for JPO-SKSKI be prepared based on basic rates of manpower, machineries and materials applicable in the project area (Nepal) to expedite the process of preparation of estimates of remaining works.

11.4 Preparation of Tender Documents and Approval of Competent Authority Before Inviting Competitive Bids

JTE directed the Project Managers, that after obtaining technical sanction of the estimates, bid documents should be prepared with due diligence, taking into consideration general terms and condition, site specific (special) conditions, mode of payment, time of completion, etc. Quantities as per technically sanctioned estimates should be clearly reflected in the bid documents, along with estimated cost of the works. Before inviting the bids, approval of bid documents from the Chief Engineer (LGBO), CWC, Patna would be obtained to avoid ambiguity at a later stage.
JTE further directed the Project Managers that if the time required for any study/work that extends beyond the approved tenure of JPO-SKSKI, the same would be assessed and indicated accordingly in the bid documents, with a stipulation that all the financial liabilities arising from the contract agreement(s) shall be taken care of by the Office(s) who would be assigned with such responsibility for balance/residual works by the respective Governments. Henceforth, this would not be an excuse for not awarding the works/studies extending beyond the tenure of JPO by the officers of JPO-SKSKI.

11.5 Award of Works/Studies on Nomination Basis

The Indian side informed JTE that as per existing General Financial Rules in India, any work or study, if awarded to an agency, without call of competitive bids, on nomination basis would require the approval of the Minister if the cost of such study/work is beyond IRS. 20 lakh. This practice may be followed in future by JPO and all such cases may be submitted to the Ministry of Water Resources, well in advance to obtain the approval of the competent authority.

11.6 Approval of Field Visits of Experts during Financial Year 2012-13.

A statement of expected field visits by various experts in the year 2012-13 is annexed at Annex-V. JTE directed that the Project Management would take advance action by intimating all the concerned line Ministries/Department to approve the tour programs of their officers by competent authority besides the approval of the Secretary or the Minister (Water Resources), Government of India, as the case may be.

11.7 List of Works/Studies Required For Preparation Of DPR Yet To Be Awarded

JTE asked the Project Managers to explain the works or studies which are not yet awarded to any executing agency and reasons thereof. The Project Managers informed that many works or studies which were awarded earlier to the private agencies, were left incomplete by them due to law and order situation in the project area and a list of such works/studies with details, is annexed at Annex-VI.

JTE noted with grave concern that for Saptakosi Dam complex, drilling works required for spillway and underground powerhouse sites were not covered in the scope of NEA by the Project Managers that has been approved recently by the competent authority, on nomination basis.
Similarly, the drilling works required for Sunkosi dam complex, diversion tunnel, powerhouse site, etc, are also not yet planned by the JPO-SKSKI for the reasons best known to them. It reflects poor management planning at the level of the Project Managers and these works may delay the completion of DPR, much beyond any reasonable time schedule.

JTE, after due diligence, decided that a good and competent team of officers who are capable of delivering in the approved time schedule may be posted at the JPO-SKSKI.

11.8 Revised Action Plan for The Project

A revised action plan indicating the balance field works, studies, civil designs, electro-mechanical designs, planning of irrigation and navigation canals, Resettlement and Rehabilitation works, preparation of cost estimates, economic evaluation of the project, EIA studies, etc, in respect of (i) Saptakosi High Dam Project and (ii) Sunkosi Storage-cum-Diversion Scheme respectively, was prepared and adopted by the JTE as annexed at Annex-VII.

11.9 Budget Estimate for The Year 2012-13 and Additional Fund Requirement in the Year 2011-12

The requirement of additional funds for the remaining period of the year 2011-12 was discussed and it was decided that an amount of IRs. 200 lakh may be released by the Ministry of Water Resources, GOI immediately to maintain a carry over balance for at least two months in hand at all times.

The JTE directed the Project Managers-JPO-SKSKI to indicate the realistic budget estimate for the year 2012-13 after assessment of funds requirement to match with the 'Revised Action Plan' approved by JTE and covering proposed works/ studies to be completed in the next year to complete the DPR at the earliest.

11.10 Preparation of Schedule of Rates of JPO-SKSKI

As already discussed under item- 11.3 above, JTE directed the Project Managers-JPO-SKSKI to prepare and finalize its "SCHEDULE OF RATES" based on the basic rates applicable as on 1 January 2012 by 31 March 2012 positively and adopt it from next financial year.

11.11 Review/Enhancement of Staff Position in JPO-SKSKI

The existing staff position of JPO-SKSKI was reviewed by JTE. In order to expedite and complete the balance works/ studies referred above and the staff required for writing the related chapters of DPR, it was felt that it
was of utmost importance and necessity that all the vacant posts of JPO-SKSKI be filled by the respective Governments within the next two months. A list of sanctioned staff strength, present incumbency position and vacant posts to be filled-in on and urgent basis is annexed at Annex-VIII.

11.12 Any Other Point Not Covered Above With The Permission of The Chair

JTE approved the expenditure incurred by the JPO-SKSKI on the field visits of experts, 11th JTE meeting, etc, as per details annexed at Annex-IX.

JTE also reviewed works and studies completed so far and decided that a schedule of preparation of various chapters of DPR may be finalized to avoid rush at the end of tenure of JPO-SKSKI. Accordingly, a schedule of DPR preparation and the nodal officers for each chapter were identified and approved as mentioned at Annex-X.

The meeting was conducted in cordial and friendly atmosphere.

Signed on 4 February, 2012 at Kathmandu.

(D. B. Singh)  
Director General  
Department of Electricity Development  
Government of Nepal

(S. P. Kakran)  
Member (River Management),  
Central Water Commission  
& Ex-Officio Additional Secretary  
to the Government of India
## Annexure I

### COMPOSITION OF NEPALESE & INDIAN TEAM MEMBERS OF JTE

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Indian side</th>
<th>Nepalese side</th>
</tr>
</thead>
</table>
| 1      | Shri S.P. Kakran  
Team Leader, Member (RM), CWC & Ex-Officio 
Additional Secretary to the Government of India | Mr. Dilli Bahadur Singh  
Team Leader, Director General, 
Department of Electricity Development |
| 2      | Shri Shankar Mahto  
Chairman, Ganga Flood Control Commission, Patna | Mr. Sudesh Kumar Malla  
Deputy Director General, 
Department of Electricity Development |
| 3      | Shri Devender Sharma  
Commissioner (Ganga), 
MOWR, New Delhi | Mr. Sudhir Man Baisyat  
Deputy Director General, 
Department of Irrigation |
| 4      | Shri Sanjeev Ranjan  
Director (North), 
Ministry of External Affairs, New Delhi | Mr. Gauri Shankar Bassi  
Deputy Director General, 
Department of Water Induced Disaster Prevention |
| 5      | Shri S.K.G. Pandit  
Chief Engineer (N&W), 
CWC, New Delhi | Mr. Keshab Dhoj Adhikari  
Superintendent Engineer, 
Department of Electricity Development |
| 6      | Shri Kashindra Yadav  
Chief Engineer (LGBO), 
CWC, Patna | Mr. Sagar Raj Gautam  
Senior Divisional Engineer, 
Ministry of Energy |
| 7      | Shri M.K. Sinha  
Chief Engineer (YBO), CWC, New Delhi & Member Secretary, JTE (I) | Mr. Sanjaya Dhungel  
Senior Divisional Engineer, 
Water & Energy Commission Secretariat |
| 8      | Shri A.S.P. Sinha  
Senior Joint Commissioner, MOWR, New Delhi | Mr. Bijay Kumar Pokharel  
Senior Divisional Hydrologist, 
Department of Hydrology & Meteorology |
| 9      | Shri S.K. Sahu  
Project Manager (I), JPO-SKSKI, Biratnagar | Mr. Rishi Ram Ghimire  
Under Secretary, 
Ministry of Foreign Affairs |
| 10     | Shri Joginder Singh  
Director (N&BC Dte.), Central Water Commission, New Delhi | Mr. Surendra Mananda Bajracharya  
Project Manager & Member Secretary, JTE (Nepal), 
SKHDMP & Sunkosi Storage cum Diversion Scheme, |
| 11     | Smt. Anju Ranjan  
First Secretary (Commerce), EOI, Kathmandu | Mr. Hemant Kumar Joshi  
Director, Engineering Services, 
Nepal Electricity Authority |
| 12     | Shri Subir Datta  
Under Secretary, MEA | Mr. Gopal Basnet  
Senior Divisional Engineer, 
SKHDMP & Sunkosi Storage cum Diversion Scheme |
| 13     | Shri Ajay Kumar  
Senior Engineer, JPO-SKSKI, Dharan at Biratnagar | Mr. Surya Prasad Rijal  
Senior Divisional Engineer, 
SKHDMP & Sunkosi Storage cum Diversion Scheme |