सार्वजनिक खरिद ऐन २०६३ को दफा ६५ को उपदफा (१) को खण्ड (ग) ले दिएको अधिकार बमोजिम
सार्वजनिक खरिद अनुगमन कार्यालयबाट जारी गरिएको

**(Issued by the Public Procurement Monitoring Office in accordance with the authority given by clause (c) of Subsection (1) of Section 65 of the Public Procurement Act, 2063)**

# STANDARD BIDDING DOCUMENT (SBD)

## Procurement of Works

National Competitive Bidding (NCB)

**Single-Stage: Two-Envelope Bidding Procedure**

**[Procurement of value above NRs. 20 Million]**

**Government of Nepal**

**Office of The Prime Minister and Council of Ministers**

**Public Procurement Monitoring Office (PPMO)**

**~~(Revised on July 2026)~~**
**~~(Revised on 12 August 2026)~~**
**(Revised on September 2026)**

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# Guidance Notes on the Use of The Standard Bidding Document (SBD)

This Standard Bidding Document for Procurement of Works, has been prepared by the Government of Nepal (GoN), Public Procurement Monitoring Office (PPMO) to facilitate Single-Stage: Two-Envelope Bidding Procedures used for the procurement of Works through National competitive bidding (NCB) procedure (Procurement of value above NRs. 20 million) and is applicable to all the Public Entities as defined in the Public Procurement Act, 2063.

Guidance notes in the Standard Bidding Document within the left square bracket and right square bracket and guidance footnotes are intended as information for preparing the bidding documents and hence should be deleted in the final document.

This document has 10 Sections, of which Section I (Instructions to Bidders) and Section VIII (General Conditions of Contract) must not be altered or modified under any circumstances. The Invitation for Bid (IFB) is a copy for advertisement that provides relevant and essential information to help the Bidders to decide whether or not to participate in the particular bidding process; this is provided in the Biding Document for information only.

The Procuring Entity should provide its specific needs in the Bid Data Sheet (BDS), the Special Conditions of Contract (SCC) and the detailed requirements of the procurement in the Works Requirements.

This Standard Bidding Document, when properly completed should provide all the information that a Bidder needs in order to prepare and submit a bid. This should also provide a sound basis on which a Procuring Entity can fairly, transparently and accurately carry out evaluation of the Bids received from the bidders.

The Procuring Entity, before publishing the Invitation for Bids, should identify and approve from the competent authority the procurement requirements, its technical features, and cost estimate. Furthermore, the Procuring Entity should keep in mind the availability of the budget and possible slicing and packaging of the procurement requirements.

If any amendments on Public Procurement Act, 2063 or Public Procurement Regulation, 2064 are made, the Procuring Entity shall incorporate such amendments when preparing a particular Bidding Document.

Brief description of different sections of the Standard Bidding Document and how a Procuring Entity should use these when preparing a particular Bidding Document is detailed below:

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## SECTION I
# Instructions to Bidders (ITB)

This Section provides relevant information to help the Bidders to prepare their Bids. Information is also provided on the submission, opening, and evaluation of Bids and on the award of Contract.

The Instructions to Bidders (ITB) specify the procedures that regulate the bidding process. The ITB contain standard provisions that have been designed to remain unchanged and to be used without modifying their text. The ITB clearly identify the provisions that may need to be specified for a particular bidding process and require that such specification be introduced through the BDS.

The Instructions to Bidders are not a Contract document and, therefore, are not a part of the Contract.

## SECTION II
# Bid Data Sheet (BDS)

The Bid Data Sheet (BDS) contains information and provisions that are specific to each bidding process. The Employer must specify in the BDS provisions that supplement the information and requirements specified in Section I, Instructions to Bidders. All information shall be provided; no clause shall be left blank.

To facilitate the preparation of the BDS, the clauses in the BDS format are numbered with the same numbers as the corresponding ITB clauses. The instructions included in the BDS are to guide the Employer on how to enter all required information.

## SECTION III
# Evaluation and Qualification Criteria (EQC)

The purpose of the Evaluation and Qualification Criteria (EQC) is to specify the criteria that determine the substantially responsive bid closest to the Average Bid Price and the qualifications of the Bidder to perform the contract. The Procuring Entity shall prepare the EQC by taking into account the nature, quantity and or amount of the procurement and include it as a part of the Bidding Document. In determining the Evaluation and Qualification Criteria, the Procuring Entity shall follow the guidance incorporated on this section and shall not limit the competition or make onerous criteria.

The EQC is not a part of the Contract document.

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## SECTION IV
# Bidding Forms

This Section contains the forms which are to be completed by the Bidder and submitted as part of his Bid.

This Section provides the standard format for the Letter of Technical and Price Bid, table of price adjustment data, Bid Security Form, Technical proposal form, Bidder's information and qualification forms to be submitted by the Bidder.

## SECTION V
# Eligible Countries

This section contains the list of eligible countries. The procuring entity shall mention the list of eligible countries as per the instructions provided in this section.

## SECTION VI
# Works Requirements

This section contains the volumes of information that describe the Works to be constructed and includes Specification, the Drawings, and supplementary information that describe the Works to be procured Personnel Requirements and Equipment Requirements.

## SECTION VII
# Bill of Quantities (BOQ)

This Section provides estimated information on the itemized quantities in sufficient detail to distinguish between the different classes of Works to be performed by the bidder and enable to the Bidder to prepare priced bill of quantities efficiently and accurately.

## SECTION VIII
# General Conditions of Contract (GCC)

The GCC contain standard provisions that have been designed to remain unchanged and to be used without modifying their text. This Section provides the General Conditions of Contract that will apply



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to the Contract for which the Biding document is issued. The GCC clearly identify the provisions that may normally need to be specified for a particular bidding process and require that such information be introduced through the SCC

## SECTION IX
# Special Conditions of Contract (SCC)

The contents of this Section supplement Section VIII: General Conditions of Contract. The Special Conditions of Contract shall be prepared by the Procuring Entity.

The Special Conditions of Contract (SCC) contain provisions that the GCC require be specified for a particular bidding process. The Employer should include at the time of issuing the Bidding Document, all information that the GCC indicate shall be provided in the SCC. No SCC Clause should be left blank.

To facilitate the preparation of the SCC, the Clauses in the SCC format are numbered with same numbers as the corresponding GCC Clauses. The instructions included in the SCC are to guide the Employer to provide the required information.

The SCC is a part of the Contract Document; therefore, the Procuring Entity shall provide the information in appropriate manner as indicated in the SCC.

## SECTION X
# Contract Forms

This Section contains the Sample format for Letter of Intent, Letter of Acceptance, Contract Agreement Form, the forms for Performance Security, Advance Payment Security and Retention Money Security.

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# BIDDING DOCUMENT

# for

# THE PROCUREMENT OF

## Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

National Competitive Bidding (NCB)

**Single-Stage: Two-Envelope Bidding Procedure**

## Water Supply and Sewerage Management Office, Biratnagar

Issued on.: **2083/06/13 (29 September 2026)**

Invitation for Bids No.: **03/83-84/CFWSP-Chandragadhi/WSSMO_Brt**

NCB No.: **03**

Contract Identification No.: **03/83-84/CFWSP-Chandragadhi/WSSMO_Brt**

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# Abbreviations

BD ... Bidding Document

BDF ... Bidding Forms

BDS ... Bid Data Sheet

BOQ ... Bill of Quantities

COF ... Contract Forms

DP ... Development Partners

DoLI ... Department of Local Infrastructure

e-GP ... Electronic Government Procurement

ELI ... Eligibility

EQC ... Evaluation and Qualification Criteria

EXP ... Experience

FIN ... Financial

GCC ... General Conditions of Contract

GoN[1] ... Government of Nepal

ICC ... International Chamber of Commerce

IFB ... Invitation for Bids

ITB ... Instructions to Bidders

JV ... Joint Venture

LIT ... Litigation

NCB ... National Competitive Bidding

NRs. ... Nepalese Rupees

PAN ... Permanent Account Number

PPA ... Public Procurement Act

PPMO ... Public Procurement Monitoring Office

PPR ... Public Procurement Regulations

PL ... Profit & Loss

PS ... Provisional Sum

SBD ... Standard Bidding Document

SCC ... Special Conditions of Contract

TS ... Technical Specifications

VAT ... Value Added Tax

WRQ ... Works Requirements

[1] "GoN" word indicates all public entities according to Public Procurement Act, 2063

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# Invitation for Bids

**Government of Nepal (GoN)**

**Water Supply and Sewerage Management Office, Biratnagar**

Invitation for Bids No: **03/83-84/CFWSP-Chandragadhi/WSSMO_Brt**

Date of publication: **2083/06/13 (29 Sep 2026)**

Name of the Development Partner [if applicable]: **NA**

Loan/Credit/Grant No [if applicable]: **NA**

1. **The Government of Nepal [GoN] has allocated funds** from **GoN** towards the cost of **Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa** and intends to apply part of the funds to cover eligible payments under the Contract for the **Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa, Contract No.- 03/83-84/CFWSP-Chandragadhi/ WSSMO_Brt**. Bidding is open to all eligible as per Section V of bidding document.
2. **Water Supply and Sewerage Management Office, Biratnagar** invites sealed bids from eligible bidders for the construction of **Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa** under National Competitive Bidding – Single Stage Two Envelope Bidding procedures.

   Only eligible bidders with the following key qualifications should participate in this bidding:

   - Minimum Average Annual Construction Turnover of the best 3 years within the last 10 years: **NRs. 7,83,00,000.00**
   - Minimum Work experience of similar size and nature: **NRs. 7,83,00,000.00**
3. Under the Single Stage, Two Envelope Procedure, Bidders are required to submit simultaneously two separate sealed envelopes, one containing (i) the Technical Bid and the other (ii) the Price Bid, both in turn enclosed in one sealed envelope as per the provision of ITB 21 of the Bidding Document.
4. Eligible Bidders may obtain further information and inspect the Bidding Documents at the office of **Water Supply and Sewerage Management Office, Biratnagar, Email ID-fwssmp biratnagar04@gmail.com**
5. A complete set of Bidding Documents may be purchased from the office of **Water Supply and Sewerage Management Office, Biratnagar** by eligible Bidders on the submission of a written application, along with the copy of company/firm registration certificate, and upon payment of a non-refundable fee of **NRs. 10,000.00** Till **Date 29 October, 2026 during office hours** in the account as specified below.

   **Information to deposit the cost of bidding document in Bank:**

   Name of the Bank: **Agricultural Development Bank Ltd**.
   Name of Office: **Water Supply and Sewerage Management Office, Biratnagar**
   Office Code no. : **337051301** Account no.: **0100201277009016**
   Rajaswa (revenue) Shirshak no.: **14229**
6. Pre-bid meeting shall be held at **Water Supply and Sewerage Management Office, Biratnagar** at **14:00 hours, 13 October, 2026**
7. Sealed bids must be submitted to the office **Water Supply and Sewerage Management Office, Biratnagar** by hand or before **12:00** on **30 October, 2026.** Bids received after this

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deadline will be rejected.

8. The bids will be opened in the presence of Bidders' representatives who choose to attend at **13:00 hours** on **30 October 2026** at the office of **Water Supply and Sewerage Management Office, Biratnagar**. Bids must be valid for a period of **90 days** from the bid submission deadline and must be accompanied by a bid security or scanned copy of the bid security in pdf format in case of e-bid, amounting to a minimum of **NRs. 32,70,000.00** which shall be valid for 30 days beyond the validity period of the bid i.e. **27 February, 2027**

9. If the last date of purchasing and /or submission falls on a government holiday, then the next working day shall be considered as the last date. In such case the validity period of the bid and bid security shall remain the same as specified for the original last date of bid submission.

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# Part I: BIDDING PROCEDURES

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# Section I: Instructions to Bidders (ITB)

This section specifies the procedures to be followed by Bidders in the preparation and submission of their Bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of contract.

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# Section I: Instructions to Bidders

| A. General | |
|---|---|
| 1. Scope of Bid | 1.1 In connection with the Invitation for Bids **indicated in the Bid Data Sheet (BDS)**, the Employer, **as indicated in the BDS**, issues this Bidding Document for the procurement of Works as specified in Section VI (Works Requirements). The name, identification, and number of lots (contracts) / multiple contracts of the National Competitive Bidding (NCB) are **provided in the BDS.** |
| | 1.2 Throughout this Bidding Document:<br>(a) the term "in writing" means communicated in written form and delivered against receipt through e-GP system or email or fax or courier;<br>(b) except where the context requires otherwise, words indicating the singular also include the plural and words indicating the plural also include the singular; and<br>(c) "day" means calendar day. |
| 2. Source of Funds | 2.1 GoN Funded: In accordance with its annual program and budget, approved by the GoN, the implementing agency **indicated in the BDS** plans to apply a portion of the allocated budget to eligible payments under the contract(s) for which this Bidding Document is issued.<br>Or<br>Public Entities' own Resource Funded: In accordance with its annual program and budget, approved by the public entity, the implementing agency **indicated in the BDS** plans to apply a portion of the allocated budget to eligible payments under the contract(s) for which this Bidding Document is issued.<br>Or<br>DP Funded: The GoN has applied for or received financing (hereinafter called "funds") from the Development Partner (hereinafter called "the DP") **indicated in the BDS** toward the cost of the project named in the BDS. The GoN intends to apply a portion of the funds to eligible payments under the contract(s) for which this Bidding Document is issued. |
| | 2.2 DP Funded: Payment by the DP will be made only at the request of the GoN and upon approval by the DP in accordance with the terms and conditions of the financing agreement between the GoN and the DP (hereinafter called the "Loan/Grant Agreement"), and will be subject in all respects to the terms and conditions of that Loan/Grant Agreement. No party other than the GoN shall derive any rights from the Loan Agreement or have any claim to the funds. |
| 3. Fraud and Corruption | 3.1 Procuring Entities as well as Bidders, suppliers and contractors and their sub-contractors shall adhere to the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this;<br>(a) the Employer adopts, for the purposes of this provision, the terms as defined below:<br>(i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly |

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or indirectly, anything of value to influence improperly the actions of another party;

(ii) "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(iii) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(iv) "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.

v) "obstructive practice" means (a) deliberately destroying, falsifying, altering, or concealing of evidence material to an investigation; (b) making false statements to investigators in order to materially impede an investigation; (c) failing to comply with requests to provide information, documents, or records in connection with an investigation; (d) threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (e) materially impeding GoN/DP's contractual rights of audit or access to information; and

vi) "integrity violation" is any act which violates Anticorruption Policy, including (i) to (v) above and the following: abuse, conflict of interest, violations of GoN/DP sanctions, retaliation against whistleblowers or witnesses, and other violations of Anticorruption Policy, including failure to adhere to the highest ethical standard.

(b) the Employer will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the contract;

(c) DP will cancel the portion of the financing allocated to a contract if it determines at any time that representative(s) of the GoN/or of a beneficiary of DP-financing engaged in corrupt, fraudulent, collusive, or coercive practices or other integrity violations during the procurement or the execution of that contract, without the GoN having taken timely and appropriate action satisfactory to DP to remedy the situation.

d) DP will impose remedial actions on a firm or an individual, at any time, in accordance with DP's Anticorruption Policy and related Guidelines (as amended from time to time), including declaring ineligible, either indefinitely or for a stated period of time, to participate in DP-financed, -administered, or -supported activities or to benefit from an DP-financed, -administered, or -supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations; and

(e) The Contractor shall permit the GoN/DP to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the GoN /DP, if so, required by the GoN/DP.

3.2 The Bidder shall not carry out or cause to carry out the following acts with an intention to influence the implementation of the procurement process or the procurement agreement:

(a) give or propose improper inducement directly or indirectly,

(b) distortion or misrepresentation of facts,

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| | (c) engaging in corrupt or fraudulent practice or involving in such act,<br>(d) interference in participation of other competing bidders,<br>(e) coercion or threatening directly or indirectly to cause harm to the person or the property of any person to be involved in the procurement proceedings,<br>(f) collusive practice among bidders before or after submission of bids for distribution of works among bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Employer the benefit of open competitive bid price,<br>(g) Contacting the Employer with an intention to influence the Employer with regards to the bids or interference of any kind in examination and evaluation of the bids during the period from the time of opening of the bids until the notification of award of contract. |
| | 3.3 PPMO, on the recommendation of the Procuring Entity may blacklist a Bidder for a period of one (1) to three (3) years for its conduct including on the following grounds and seriousness of the act committed by the bidder:<br><br>(a) if convicted by a court of law in a criminal offence which disqualifies the Bidder from participating in the contract,<br>(b) if it is established that the contract agreement signed by the Bidder was based on false or misrepresentation of Bidder's qualification information,<br>(c) if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for, or in executing, a GoN/DP-financed contract.<br>(d) if the Successful Bidder fails to sign the Contract.<br>(e) if the bidder fails to inform or informs after the specified time about the saturation of the maximum number of contracts as per ITB 4.10.<br>(f) a Bidder requests for withdrawal or modification of its bid:<br>(i) after the Bid Submission deadline and during the period of validity specified by the Bidder on the Letter of Technical Bid and Price Bid, in case of electronic submission;<br>(ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Technical Bid and Price Bid, in case of hard copy submission.<br>(g) if the bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification as per ITB 27.1.<br>(h) a Bidder changes the prices or substance of the bid while providing information pursuant to ITB 27.1. |
| | 3.4 A bidder declared blacklisted and ineligible by the GoN, Public Procurement Monitoring Office (PPMO), by a competent authority under the prevailing law for failure to repay a loan disbursed by a bank or financial institution, and/or the DP in case of DP funded project, shall be ineligible to bid for a contract during the period of time determined by the GoN, PPMO, the competent authority, and/or the DP. |
| | 3.5 In case of a natural person or firm/institution/company which is already declared blacklisted and ineligible by the GoN, any other new or existing firm/institution/company owned partially or fully by such Natural person or Owner or Board of director of blacklisted firm/institution/company; shall not be eligible bidder. |
| | 3.6 Furthermore, Bidders shall be aware of the provisions of GCC 28.3 and GCC 72.3(j). |
| 4. Eligible | 4.1 A Bidder may be a natural person, private entity, or government owned entity subject to |

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| Bidders | ITB 4.5 or any combination of them in the form of a Joint Venture (JV) under an existing agreement, or with the intent to constitute a legally-enforceable joint venture. In the case of a JV:<br>(a) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. Maximum number of JV shall be as **specified in the BDS** and<br>(b) the JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during Contract execution. |
| | 4.2 A Bidder, and all parties constituting the Bidder, shall have the nationality of an eligible country, in accordance with Section V (Eligible Countries). A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, or incorporated, and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed sub-contractors or suppliers for any part of the Contract including related services. |
| | 4.3 A Bidder shall not have a conflict of interest. A Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in this bidding process, if any of, including but not limited to, the following apply:<br>(a) they have controlling shareholders in common; or<br>(b) they receive or have received any direct or indirect subsidy from any of them; or<br>(c) they have the same legal representative for purposes of this bid; or<br>(d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to material information about or improperly influence the Bid of another Bidder, or influence the decisions of the Employer regarding this bidding process; or<br>(e) a Bidder participates in more than one bid in this bidding process either individually or as a partner in a joint venture. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3 (a)-(d) above, this does not limit the participation of the same subcontractor in more than one bid; or<br>(f) a Bidder or any of its affiliated entity, participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the Bid; or<br>(g) a Bidder was affiliated with a firm or entity that has been hired (or is proposed to be hired) by the Employer as Engineer for the Contract.<br>(h) a Bidder that has a close business or family relationship with a professional staff of the Procuring Entity. |
| | 4.4 A firm that is under a declaration of ineligibility by the GoN in accordance with ITB 3, at the date of the deadline for bid submission or thereafter, shall be disqualified. A firm shall not be eligible to participate in any procurement activities under an DP-financed, -administered, or -supported project while under temporary suspension or debarment by DP pursuant to the DP's Anticorruption Policy (see ITB 3), whether such debarment was directly imposed by the DP, or enforced by other DPs pursuant to |

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| | the Agreement for Mutual Enforcement of Debarment Decisions. A bid from a temporary suspended or debarred firm will be rejected. |
| | 4.5 Enterprises owned by Government shall be eligible only if they can establish that they are legally and financially autonomous and operate under commercial law, and that they are not a dependent agency of the GoN. |
| | 4.6 Bidders shall provide such evidence of their continued eligibility satisfactory to the Employer, as the Employer shall reasonably request. |
| | 4.7 Firms shall be excluded in any of the cases, if<br>(a) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Nepal prohibits any import of goods or contracting of works or services from that country or any payments to persons or entities in that country. Where Nepal prohibits payments to a particular firm or for particular goods by such an act of compliance, that firm may be excluded;<br>(b) DP Funded: as a matter of law or official regulation, Nepal prohibits commercial relations with that country, provided that the DP is satisfied that such exclusion does not preclude effective competition for the supply of goods or related services required;<br>(c) DP Funded: a firm sanctioned or temporarily suspended by the DP in relation to their guidelines or appropriate provisions on preventing and combating fraud and corruption in projects financed by them. |
| | 4.8 In case a prequalification process has been conducted prior to the bidding process, this bidding is open only to prequalified Bidders. |
| | 4.9 The Bidder, including all parties constituting the Bidder, shall be ineligible to participate in the open competitive bidding process if it has already secured maximum number of construction contracts (in open competitive bidding) **as specified in BDS** and has not yet completed the work as stipulated in the respective contracts |
| | 4.10 For the purpose of ITB 4.9 above, the bidder shall declare that the bidder, and all parties constituting the Bidder have not already secured maximum number of construction contract (in open competitive bidding) **as specified in BDS**. If the bidder, and all parties constituting the Bidder has participated in bidding processes of many public entities and during that period the maximum number of contracts have been attained as specified saturates due to issuance of letters of acceptance by a particular public entity, the bidder shall inform in writing to all other concerned public entities, where the bidder have participated in bidding process, within three days of issuance of last letter of acceptance that saturates the maximum number of contracts as specified. |
| 5. Eligible Materials, Equipment and Services | 5.1 The materials, equipment and services to be supplied under the Contract shall have their origin in any source countries as defined in accordance with Section V (Eligible Countries) and all expenditures under the Contract will be limited to such materials, equipment, and services. At the Employer's request, Bidders may be required to provide evidence of the origin of materials, equipment and services. |
| | 5.2 For purposes of ITB 5.1 above, "origin" means the place where the materials and equipment are mined, grown, produced or manufactured, and from which the |

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| | services are provided. Materials and equipment are produced when, through manufacturing, processing, or substantial or major assembling of components, a commercially recognized product results that differs substantially in its basic characteristics or in purpose or utility from its components. |
| **B. Contents of Bidding Documents** | |
| 6. Sections of Bidding Document | 6.1 The Bidding Document consist of Parts I, II, and III, which include all the Sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 8.<br>PART I Bidding Procedures<br>Section I Instructions to Bidders (ITB)<br>Section II Bid Data Sheet (BDS)<br>Section III Evaluation and Qualification Criteria (EQC)<br>Section IV Bidding Forms (BDF)<br>Section V Eligible Countries<br>PART II Requirements<br>Section VI Works Requirements (WRQ)<br>Section VII Bill of Quantities (BOQ)<br>PART III Conditions of Contract and Contract Forms<br>Section VIII General Conditions of Contract (GCC)<br>Section IX Special Conditions of Contract (SCC)<br>Section X Contract Forms (COF) |
| | 6.2 The Invitation for Bids (IFB) issued by the Employer is not part of the Bidding Document. |
| | 6.3 The Employer is not responsible for the completeness of the Bidding Document and their Addenda, if they were not obtained directly from the source stated by the Employer in the Invitation for Bids. |
| | 6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document and to furnish with its bid all information and documentation as is required by the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the bid. |
| 7. Clarification of Bidding Document, Site Visit, Pre-Bid Meeting | 7.1 A prospective Bidder requiring any clarification of the Bidding Document shall contact the Employer in writing at the Employer's address **indicated in BDS** or raise any question or curiosity during the pre-bid meeting if provided for in accordance with ITB 7.4. The Employer will respond in writing to any request for clarification, provided that such request is received within the period as mentioned in ITB 7.5. The Employer shall forward copies of its response to all Bidders who have acquired the Bidding Document in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. Should the Employer deem it necessary to amend the Bidding Document as a result of a request for clarification, it shall do so following the procedure under ITB 8 and ITB 22.2. |
| | 7.2 The Bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself, on its own risk and responsibility, all information that may be necessary for preparing the bid and entering into a Contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense. |
| | 7.3 The Bidder and any of its personnel or agents will be granted permission by the |

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| | Employer to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the Bidder, its personnel, and agents will release and indemnify the Employer and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection. |
| | 7.4 The Bidder's designated representative is invited to attend a pre-bid meeting, if **provided for in the BDS**. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage. |
| | 7.5 The Bidder is requested, to submit any questions in writing, to reach the Employer as **mentioned in BDS.** |
| | 7.6 Minutes of the pre-bid meeting, including the text of the questions raised, without identifying the source, and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Bidders who have acquired the Bidding Document in accordance with ITB 6.3. Any modification to the Bidding Document that may become necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issue of an addendum pursuant to ITB 8 and not through the minutes of the pre-bid meeting. |
| | 7.7 Nonattendance at the pre-bid meeting will not be a cause for disqualification of a Bidder. |
| 8. Amendment of Bidding Document | 8.1 At any time prior to the deadline for submission of bids, the Employer may amend the Bidding Document by issuing addendum or several addenda. |
| | 8.2 Any addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding Document from the Employer in accordance with ITB 6.3. |
| | 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Employer may, at its discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2. However, the time available to submit bids shall not be less than five (5) days since amendment in bidding document. |
| **C. Preparation of Bids** | |
| 9. Cost of Bidding | 9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Employer shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. |
| 10. Language of Bid | 10.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer, shall be written in the language **specified in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language **specified in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern. |
| 11. Documents | 11.1 The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Bid containing the documents listed in ITB 11.2 and the other the Price Bid |

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| Comprising the Bid | containing the documents listed in ITB 11.3, both envelopes enclosed together in an outer single envelope.<br>11.2 The Technical Bid shall comprise the following:<br>(a) Letter of Technical Bid;<br>(b) Bid Security in accordance with ITB 19;<br>(c) alternative Technical Bid, at Bidder's option and if permissible, in accordance with ITB 13;<br>(d) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2;<br>(e) documentary evidence in accordance with ITB 17, establishing the Bidder's qualifications to perform the contract;<br>(f) Technical Proposal in accordance with ITB 16;<br>(g) Bids submitted by a Joint Venture shall include a copy of the Joint Venture Agreement entered into by all partners. Alternatively, a Letter of Intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all partners and submitted with the Bid, together with a copy of the proposed agreement. The Joint Venture agreement, or letter of intent to enter into a Joint Venture including a draft agreement shall indicate at least the parts of the Works to be executed by the respective partners;<br>(h) list of subcontractors, in accordance with ITB 34 (If any); and<br>(i) Any other documents required in the **BDS.**<br>11.3 The Price Bid shall comprise the following:<br>(a) Letter of Price Bid;<br>(b) completed Bill of Quantities (BoQ), in accordance with ITB 12 and ITB 14, or as stipulated in the BDS;<br>(c) alternative price Bids, at Bidder's option and if permissible, in accordance with ITB 13;<br>(d) Table of Price adjustment (if applicable) ; and<br>(e) Any other document required in the **BDS**. |
| | 11.4 The Bidder is solely responsible for the authenticity of the submitted documents.<br>11.5 The Technical Bid shall not include any financial information related to the Price Bid. A Technical Bid containing such material financial information shall be declared non-responsive. |
| 12. Letter of Bid and Schedules | 12.1 The Letters of Technical Bid and Price Bid, Schedules, and all documents listed under ITB 11, shall be prepared using the relevant forms in Section IV (Bidding Forms) and in Section VII (Bill of Quantities). The forms must be completed without any alterations to the text, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested. |
| 13. Alternative Bids | 13.1 Unless otherwise **specified in the BDS**, alternative bids shall not be considered. |
| | 13.2 When alternative times for completion are explicitly invited, a statement to that effect will be **included in the BDS**, as will the method of evaluating different times for completion. |
| | 13.3 When specified in the BDS pursuant to ITB 13.1, and subject to ITB 13.4 below, |

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| | Bidders wishing to offer technical alternatives to the requirements of the Bidding Document must first price the Employer's design as described in the Bidding Document and shall further provide all information necessary for a complete evaluation of the alternative by the Employer, including drawings, design calculations, technical specifications, breakdown of prices, and proposed construction methodology and other relevant details. Only the technical alternatives, if any, of the evaluated Bidder whose Bid Price is closest to the Average Bid Price conforming to the basic technical requirements shall be considered by the Employer. |
| | 13.4 When **specified in the BDS**, Bidders are permitted to submit alternative technical solutions for specified parts of the Works. Such parts will be **identified in the BDS** and described in Section VI (Works Requirements). The method for their evaluation will be stipulated in Section III (Evaluation and Qualification Criteria). |
| 14. Bid Prices and Discounts | 14.1 The prices and discounts quoted by the Bidder in the Letter of Price Bid and in the Schedules shall conform to the requirements specified below. |
| | 14.2 The Bidder shall submit a bid for the whole of the works described in ITB 1.1 by filling in prices for all items of the Works, as identified in Section VII (Bill of Quantities). In case of Unit Rate Contracts, the Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed covered by the rates for other items and prices in the Bill of Quantities. |
| | 14.3 The price to be quoted in the Letter of Price Bid shall be the total price of the Bid, excluding any discounts offered. Absence of the total price in the Letter of Price Bid may result in rejection of the Bid. |
| | 14.4 The Bidder shall quote any discounts and the methodology for their application in the Letter of Price Bid, in accordance with ITB 12.1. |
| | 14.5 If so indicated in ITB 1.1and ITB 35.4, bids are invited for individual Contracts or for any combination of Contracts (packages). Bidders wishing to offer any price reduction for the award of more than one Contract shall specify in their bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Price reductions or discounts shall be submitted in accordance with ITB 14.4, provided the Bids for all Contracts are submitted and opened at the same time. |
| | 14.6 Unless otherwise **provided in the BDS** and the Conditions of Contract, the prices quoted by the Bidder shall be fixed. If the prices quoted by the Bidder are subject to adjustment during the performance of the Contract in accordance with the provisions of the Conditions of Contract, the Bidder shall furnish the indices and weightings for the price adjustment formulae in the Table of Adjustment Data in Section IV (Bidding Forms) and the Employer may require the Bidder to justify its proposed indices and weightings. |
| | 14.7 All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 30 days prior to the deadline for submission of bids, shall be included in the rates and prices and the total bid price submitted by the Bidder. |

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| 15. Currency of Bid and Payment | 15.1 The currency of the bid and payment shall be in Nepalese Rupees. |
| 16. Documents Comprising the Technical Proposal | 16.1 The Bidder shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section IV (Bidding Forms), in sufficient detail to demonstrate the adequacy of the Bidders' proposal to meet the work requirements and the completion time. |
| 17. Documents Establishing the Qualifications of the Bidder | 17.1 To establish its qualifications to perform the Contract in accordance with Section III (Evaluation and Qualification Criteria) the Bidder shall provide the information requested in the corresponding information sheets included in Section IV (Bidding Forms). |
| 18. Period of Validity of Bids | 18.1 Bids shall remain valid for the period **specified in the BDS.** The bid validity period shall start from the bid submission deadline as prescribed by the Employer in accordance with ITB 22.1. If the prescribed bid submission deadline date falls on a government holiday, then the next working day shall be considered as the bid submission deadline date. In such case the validity period of the bids shall be considered from the original bid submission deadline date.<br><br>In the case of electronic bid submission, if any technical issue arises in the handling of the e-GP system, the PPMO may extend the deadline for bid submission. However, the validity period of the bids shall still be counted from the original bid submission deadline.<br><br>A bid valid for a shorter period shall be rejected by the Employer as nonresponsive. |
| | 18.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Employer may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a bid security is requested in accordance with ITB 19, it shall also be extended 30 days beyond the deadline of the extended validity period. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request shall not be required or permitted to modify its Bid and to include any additional conditions against the provisions specified in Bid Documents. |
| 19. Bid Security | 19.1 The Bidder shall furnish as part of its bid, in original form, a bid security as **specified in the BDS**. In case of e-submission of bid, the Bidder shall upload scanned copy of Bid security letter at the time of electronic submission of the bid. The Bidder accepts that the scanned copy of the Bid security shall, for all purposes, be equal to the original. The details of original Bid Security and the scanned copy submitted with e-bid should be the same otherwise the bid shall be non-responsive. |
| | 19.2 The bid security shall be, at the Bidder's option, in any of the following forms:<br>(a) an unconditional bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law or;<br>(b) a cash deposit voucher in the Employer's Account as **specified in BDS**.<br>In the case of a bank guarantee, the bid security shall be submitted either using the Bid Security Form included in Section IV (Bidding |

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| | Forms) or in another Form acceptable to the employer. The form must include the complete name of the Bidder. The bid security shall be valid for minimum thirty (30) days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 18.2.<br>A bid security valid for a shorter period shall be rejected by the Employer as nonresponsive. |
| | 19.3 The bid security issued by any foreign Bank outside Nepal must be counter guaranteed by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal. |
| | 19.4 Any bid not accompanied by an enforceable and substantially compliant bid security shall be rejected by the Employer as nonresponsive. In case of e- Submission, if the scanned copy of an acceptable Bid Security letter is not uploaded with the electronic Bid then Bid shall be rejected. |
| | 19.5 The public entity shall return the bid securities except those that are to be forfeited as per ITB 19.6 to the respective bidders within three (3) days after the successful bidder has furnished the required performance security and signed the Contract Agreement pursuant, to ITB 40.1 and ITB 41.1. |
| | 19.6 The bid security shall be forfeited if:<br>**GoN funded:**<br>(a) a Bidder requests for withdrawal or modification of its bid, except as provided in ITB 18.2:<br>(i) during the period of bid validity specified by the Bidder on the Letter of Technical Bid and Price Bid, in case of electronic submission;<br>(ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Technical Bid and Price Bid, in case of hard copy submission.<br>(b)a Bidder changes the prices or substance of the bid while providing information pursuant to clause 27.1;<br>(c) a Bidder involves in fraud and corruption pursuant to clause 3.1;<br>(d) the successful Bidder fails to:<br>(i) furnish a performance security in accordance with ITB 35.5, ITB 35.8 and ITB 40.1; or<br>(ii) sign the Contract in accordance with ITB 41.1; or<br>(iii) accept the correction of arithmetical errors pursuant to clause 33.1;<br>(e) if the bidder fails to inform about the saturation of the maximum number of contracts as per ITB 4.10.<br>**DP funded:**<br>The bid security shall be forfeited<br>(a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letters of Technical Bid and Price Bid, except as provided in ITB 18.2; or<br>(b) if the successful Bidder fails to<br>(i) furnish a performance security in accordance with ITB 35.5 and ITB 40.1; or<br>(ii) sign the Contract in accordance with ITB 41.1; or<br>(iii) accept arithmetical corrections in accordance with ITB 33.1. |

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| | 19.7 The Bid Security of a Joint Venture shall be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned in ITB 4.1. |
| 20. Format and Signing of Bid | 20.1 The Bidder shall prepare one original set of the Technical Bid and one original of the Price Bid comprising the Bid as described in ITB 11 and clearly mark it **"ORIGINAL – TECHNICAL BID"** and **"ORIGINAL – PRICE BID."** Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked **"ALTERNATIVE".** In addition, the Bidder shall submit copies of the bid in the number specified in the BDS, and clearly mark each of them **"COPY."** In the event of any discrepancy between the original and the copies, the original shall prevail.<br><br>In case of e-submission of bid, the Bidder shall submit his bid electronically in PDF or web forms files as specified in ITB Clause 21.1(b). |
| | 20.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as **specified in the BDS** and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid, except for un amended printed literature, shall be signed or initialed by the person signing the bid. |
| | 20.3 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid. |
| **D. Submission and Opening of Bids** | |
| 21. Sealing and Marking of Bids | 21.1 Unless otherwise **specified in BDS**, Bidders shall submit their bids by electronic or by mail/by hand/by courier. Procedures for submission, sealing and marking are as follows:<br><br>(a) Bidders submitting bids by mail, by hand or by courier<br><br>shall enclose the original of the Technical Bid, and the original of the Price Bid and each copy of the Technical Bid and Price Bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as **"ORIGINAL TECHNICAL BID", "ORIGINAL – PRICE BID", "ALTERNATIVE" and "COPY No. – TECHNICAL BID" and "COPY NO. PRICE BID"** These envelopes containing the original and the copies shall then be enclosed in one single envelope.<br><br>(b) Bidders submitting Bids electronically shall follow the electronic bid submission procedure specified in this clause.<br><br>i. The bidder is required to register in the e-GP system https://www.bolpatra.gov.np/egp following the procedure specified in e-GP guideline.<br><br>ii. Interested bidders may either purchase the bidding document from the Employer's office as specified in the Invitation for Bid (IFB) or bidders may download the IFB and bidding document from e-GP system.<br><br>iii. The registered bidders need to maintain their profile data required during |

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preparation of bids.

iv. The bidder can prepare their technical and price bids using data and documents maintained in bidder's profile and forms/format provided in bidding document by Employer. The bidder may submit bids as a single entity or as a joint venture. The bidder submitting bid in joint venture shall have to upload joint venture agreement along with partner(s) Bolpatra ID provided during bidder's registration.

v. Bidders (all partners in case of JV) should update their profile data and documents required during preparation and submission of their technical bids.

vi. In case of bid submission in JV, the consent of the partners shall be obtained through the confirmation link sent to the registered email address and the partners shall have to acknowledge their confirmation.

**The required forms and documents shall be part of technical bids.**

| No. | Document | Requirement | Remarks |
|---|---|---|---|
| 1. | Letter of Technical Bid | Mandatory | PDF |
| 2. | Bid Security / Bank Guarantee | Mandatory | PDF |
| 3. | Firm or Company registration Certificate | Mandatory | PDF |
| 4. | VAT and PAN registration Certificate | Mandatory (for domestic bidders only) | PDF |
| 5. | Business Registration Licence | Mandatory | PDF |
| 6. | Tax Clearance Certificate/Tax return submission evidence/evidence of time extension | Mandatory (for domestic bidders only) | PDF |
| 7. | Power of Attorney of Bid signatory | Mandatory | PDF |
| 8. | Joint venture agreement | Mandatory in case of JV Bids Only | PDF |
| 9. | Qualification Documents | Mandatory | Using profile data(financial details, contract details etc.) and Technical Proposal |
| 10. | Additional documents] specified in ITB 11.2 (i) | Mandatory (If any) | PDF |

**The required forms and documents shall be part of price bids.**

| No. | Document | Requirement | Remarks |
|---|---|---|---|
| 1. | Letter of Price Bid | Mandatory | PDF |
| 2. | Completed Bill of Quantities (BoQ) | Mandatory | Online Forms |
| 3. | Price Adjustment Table | Mandatory (If applicable) | Online Forms |
| 4. | Additional Documents specified in ITB 11.3 (e) | Mandatory (If any) | PDF |

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| | <u>*Note:*</u><br>*a) The documents specified as "Mandatory" should be included in e-submission and non-submission of the documents shall be considered as non-responsive bid.*<br>*b) Bidders (all partners in case of JV) should verify/update their profile documents as appropriate for the specific bid before submitting their bid electronically.*<br>vii. After providing all the details and documents, two separate bid response documents i.e technical bids and price bids will be generated from the system. Bidders are advised to download and verify the response documents prior to bid submission.<br>viii. For verifying the authentic user, the system will send one time password (OTP) in the registered e-mail address of the bidder. System will validate the OTP and allow bidder to submit their bid.<br>ix. Electronically submitted bids can be modified and/or withdrawn through system. The bidder may modify their bids multiple times online within bid submission date and time specified in e-GP system. Once a Bid is withdrawn, bidder won't be able to submit another bid response for the same bid.<br>x. The Bidder / Bid shall meet the following requirements and conditions for e-submission of bids;<br>aa) The e-submitted bids must be readable through PDF reader.<br>bb) The facility for submission of bid electronically through e-submission is to promote transparency, non-discrimination, equality of access, and open competition in the bidding process. The Bidders are fully responsible to use the e- submission facility properly in e-GP system as per specified procedures and in no case the Employer shall be held liable for Bidder's inability to use this facility.<br>cc) When a bidder submits electronic bid through the PPMO e-GP portal, it is assumed that the bidder has prepared the bid by studying and examining the complete set of the Bidding documents including specifications, drawings and conditions of contract.<br>21.2. The inner and outer envelopes shall:<br>(aa) bear the name and address of the Bidder;<br>(bb) be addressed to the Employer as provided in BDS 22.1;<br>(cc) bear the specific identification of this bidding process indicated in BDS 1.1; and<br>21.3 The outer envelope and the inner envelope containing Technical Proposal shall bear a warning not to open before the time and date for the opening of Technical Bid in accordance with ITB 25.1.<br>21.4 The inner envelope containing the Price Bid shall bear a warning not to open until advised by the Employer in accordance with ITB 25.7<br>21.5 If all envelopes are not sealed and marked as required, the Employer will assume no responsibility for the misplacement or premature opening of the bid. |
| 22. Deadline for Submission | 22.1 Bids must be received by the Employer at the address and no later than the date and time indicated **in the BDS**.<br>In case of e-submission, the standard time for e-submission is Nepal Standard Time as |

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| of Bids | set out in the server. The e-procurement system will accept the e-submission of bid from the date of publishing of notice and will automatically not allow the e-submission of bid after the deadline for submission of bid. |
| | 22.2 The Employer may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Document in accordance with ITB 8, in which case all rights and obligations of the Employer and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended. |
| 23. Late Bids | 23.1 The Employer shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB 22. Any bid received by the Employer after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder. |
| 24. Withdrawal, and Modification of Bids | 24.1 A Bidder may withdraw, or modify its bid- Technical or Price - after it has been submitted either in hard copy or by e-submission. Once a Bid is withdrawn, bidder shall not be able to submit another bid for this bidding process. Procedures for withdrawal or modification of submitted bids are as follows:<br>(i) **Bids submitted in Hard Copy**<br>**GoN Funded:**<br>a) Bidders may withdraw or modify its bids by sending a written notice in a sealed envelope, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB 20.2. The corresponding modification of the bid must accompany the respective written notice. All notices must be:<br>(aa) prepared and submitted in accordance with ITB 20 and ITB 21, and in addition, the respective envelopes shall be clearly marked "**WITHDRAWAL", "MODIFICATION;"** and<br>(bb) received by the Employer twenty; four hours prior to the deadline prescribed for submission of bids, in accordance with ITB 22.<br>**DP Funded:**<br>A Bidder may withdraw or modify its Bid – Technical or Price – after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB 20.2, (except that withdrawal notices do not require copies). The corresponding modification of the Bid must accompany the respective written notice. All notices must be<br>(a) prepared and submitted in accordance with ITB 20 and ITB 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," and "MODIFICATION;" and<br>(b) received by the Employer prior to the deadline prescribed for submission of Bids, in accordance with ITB 22.<br>ii) **E-submitted bids**.<br>a) Bidder may submit modification or withdrawal prior to the deadline prescribed for submission of bids through e-GP system by using the forms and instructions provided by the system. |
| | 24.2 Bids requested to be withdrawn in accordance with ITB 24.1 shall not be opened. In case of hard copy submission, the Bid will be returned unopened to the Bidders. |
| | 24.3 The following provisions apply for withdrawal or modification of the Bids: |

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| | **GoN Funded:**<br>(i) In case of bids submitted in hard copy no bid shall be withdrawn or modified in the interval between 24 hours prior to the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Letter of Bid or any extension thereof.<br>(ii) In case of e-submitted bids no bids shall be withdrawn or modified in the interval between deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Letter of Technical Bid and Price Bid or any extension thereof.<br>**DP Funded:**<br>No Bid may be withdrawn or modified in the interval between the deadline for submission of Bids and the expiration of the period of bid validity specified by the Bidder on the Letters of Technical Bid and Price Bid or any extension thereof. |
| | 24.4 Except in case of any modification or correction in bid document made by procuring entity, Bidder may submit request for withdrawal or modification only one time. |
| | 24.5 In case of hard copy bid, no bid may be withdrawn if the bid has already been modified; except in case of any modification or correction in bid document by procuring entity. |
| | 24.6 Request for withdrawal or modification must be made through the same medium of submission. Request for withdrawal or modifications through different medium shall not be considered. |
| 25. Bid Opening | 25.1 The Employer shall open the Technical Bids in public at the address, on the date and time **specified in the BDS** in the presence of Bidders` designated representatives who choose to attend. The Price Bids will remain unopened and will be held in custody of the Employer until the specified time of their opening. If the Technical Bid and Price Bid are submitted together in one envelope, the Employer shall reject the Bid as nonresponsive. |
| | 25.2 The Employer shall download the e-submitted Technical Bid. The e-GP system allows the Employer to download the e-submitted technical bid only after bid opening date and time after login simultaneously by at least two members of the Bid Opening Committee. |
| | 25.3 Electronically submitted Technical Bid shall be opened at first in the same time and date as specified above. Electronic Bids shall be opened one by one and read out. The e-submitted technical bids must be readable through open standards interfaces. Unreadable and or partially submitted bid files shall be considered incomplete. |
| | 25.4 Thereafter, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding Bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be Permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding bid. No Technical Bid and/or Price Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out and recorded at bid opening. Only the Technical Bid, both Original as well as Modification, are to be opened, read |

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| | out, and recorded at the opening. Price Bids, both Original and Modification, will remain unopened in accordance with ITB 25.1. |
| | 25.5 All other envelopes holding the Technical Bid shall be opened one at a time, reading out: the name of the Bidder; whether there is a modification; the presence of a bid security and any other details as the Employer may consider appropriate. Only Technical Bids read out and recorded at bid opening shall be considered for evaluation. No bid shall be rejected at opening of Technical Bids except for late bids, in accordance with ITB 23.1. |
| | 25.6 The Employer shall prepare a record of the opening of Technical Bids that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, or modification; and the presence or absence of a bid security. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. |
| | 25.7 At the end of the evaluation of the Technical Bids, the Employer will invite bidders who have submitted substantially responsive Technical Bids and who have been determined as being qualified for award to attend the opening of the Price Bids. The date, time, and location of the opening of Price Bids will be advised in writing by the Employer. Bidders shall be given at least 7 days' notice for the opening of Price Bids. |
| | 25.8 The Employer will notify Bidders in writing who have been rejected on the grounds of their Technical Bids being substantially nonresponsive to the requirements of the Bidding Document and return their Price Bids unopened. |
| | 25.9 The Employer shall conduct the opening of Price Bids of all Bidders who submitted substantially responsive Technical Bids, in the presence of Bidders` representatives who choose to attend at the address, on the date, and time specified by the Employer. The Bidder's representatives who are present shall be requested to sign a register evidencing their attendance. |
| | 25.10 All envelopes containing Price Bids shall be opened one at a time and the following read out and recorded:<br>(a) the name of the Bidder;<br>(b) whether there is a modification;<br>(c) the Bid Prices, including any discounts and alternative offers; and<br>(d) any other details as the Employer may consider appropriate.<br>Only Price Bids, discounts, modifications, and alternative offers read out and recorded during the opening of Price Bids shall be considered for evaluation. No Bid shall be rejected at the opening of Price Bids. |
| | 25.11 The Employer shall prepare a record of the opening of Price Bids that shall include, as a minimum, the name of the Bidder, the Bid Price (per lot if applicable), any discounts, modifications and alternative offers. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. |
| **E. Evaluation and Comparison of Bids** | |
| 26. | 26.1 Information relating to the examination, evaluation, comparison, and post-qualification |

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| Confidentiality | of bids and recommendation of Contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on Contract award is communicated to all Bidders. |
| | 26.2 Any attempt by a Bidder to influence the Employer in the evaluation of the bids or Contract award decisions may result in the rejection of its bid. |
| | 26.3 Notwithstanding ITB 26.2, from the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Employer on any matter related to the bidding process, it may do so in writing. |
| 27. Clarification of Bids | 27.1 To assist in the examination, evaluation, and comparison of the Technical and Price Bids, the Employer may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Employer shall not be considered. The Employer's request for clarification and the response shall be in writing. No change in the substance of the Technical Bid or prices in the Price Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Price Bids, in accordance with ITB 33. In case of e-submission of bid, upon notification from the employer, the bidder shall also submit the original of documents comprising the Technical and Price Bid as per ITB 11.2 and ITB 11.3 for verification of submitted documents for acceptance of the e-submitted bid. |
| | 27.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification, its Bid shall be rejected. |
| 28. Deviations, Reservations, and Omissions | 28.1 During the evaluation of bids, the following definitions apply:<br>(a) "Deviation" is a departure from the requirements specified in the Bidding Document;<br>(b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and<br>(c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Document. |
| 29. Examination of Technical Bid | 29.1 The Employer shall examine the Technical Bid to confirm that all documents and technical documentation requested in ITB 11.2 have been submitted. If any of these documents or information (except alternative Technical Bid which is optional) is missing, the bid shall be rejected. |
| | 29.2 In case of e-submission bids, the Employer shall confirm that all the documents and information requested in ITB 21.1 have been submitted. If any of these documents or information is missing, the bid shall be rejected. |
| 30. Determination of Responsiveness of Technical Bid | 30.1 The Employer's determination of a Bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB 11.2. |
| | 30.2 A substantially responsive Technical Bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that,<br>(a) if accepted, would:<br>(i) affect in any substantial way the scope, quality, or performance of the |

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| | Works specified in the Contract;<br>or<br>(ii) limit in any substantial way, inconsistent with the Bidding Document, the Employer's rights or the Bidder's obligations under the proposed Contract; or<br>(b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids. |
| | 30.3 The Employer shall examine the technical aspects of the Bid submitted in accordance with ITB 16, Technical Proposal, in particular, to confirm that all requirements of Section VI (Works Requirements) have been met without any material deviation, reservation or omission. |
| | 30.4 If a bid is not substantially responsive to the requirements of the Bidding Document, it shall be rejected by the Employer and may not subsequently be made responsive by correction of the material deviation, reservation, or omission. |
| | 30.5 In case of e-submission bids, the Employer evaluates the bid on the basis of the information in the electronically submitted bid files. If the Bidder cannot substantiate or provide evidence to establish the information provided in e-submitted bid through documents/ clarifications as per ITB Clause 27.1, the bid shall not be considered for further evaluation. |
| | 30.6 Except in case of e-submission, the Price Bid of the bidder, which is evaluated as substantially non-responsive in technical bid, shall be returned to the respective bidders. |
| 31. Non-conformities Errors, and Omissions | 31.1 Provided that a bid is substantially responsive, the Employer may waive any non-conformities in the bid that do not constitute a material deviation, reservation, or omission. |
| | 31.2 Provided that a Technical Bid is substantially responsive, the Employer may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the Technical Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any aspect of the Price Bid. Failure of the Bidder to comply with the request may result in the rejection of its bid. |
| | 31.3 Provided that a Technical Bid is substantially responsive, the Employer shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component. The adjustment shall be made using the methods indicated in Section III (Evaluation and Qualification Criteria). |
| | 31.4 If the monetary value of such non-conformities is found to be more than fifteen percent of the Bid Price of the bidder pursuant to ITB **31.3**, such bid shall be considered nonresponsive and shall not be involved in evaluation. |
| 32 Eligibility and Qualification of the Bidder | 32.1 The Employer shall determine to its satisfaction during the evaluation of Technical Bids whether Bidders meet the eligibility and qualifying criteria specified in Section III (Evaluation and Qualification Criteria). |
| | 32.2 The determination shall be based upon an examination of the documentary evidence |

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| | of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17.1. If two or more companies or firms have been merged prior to the submission of the bid, the qualifications of the companies or firms existing prior to such merger shall be deemed to form part of the qualifications of the resulting merged firm or company. |
| | 32.3 An affirmative determination shall be a prerequisite for the opening and evaluation of a Bidder's Price Bid. A negative determination shall result into the disqualification of the Bid, in which event the Employer shall return the unopened Price Bid to the Bidder. |
| 33. Correction of Arithmetical Errors | 33.1 During the evaluation of Price Bids, the Employer shall correct arithmetical errors on the following basis:<br>(a) only for unit price Contracts, if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;<br>(b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected;<br>(c) If there is a discrepancy between the bid price in the Summary of Bill of Quantities and the bid amount in item (c) of the Letter of Price Bid, the bid price in the Summary of Bill of Quantities will prevail and the bid amount in item (c) of the Letter of Price Bid will be corrected.<br>(d) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a), (b) and (c) above. |
| | 33.2 If a Bidder does not accept the correction of arithmetical errors, its bid shall be disqualified and its bid security shall be forfeited. |
| 34 Subcontractors | 34.1 In case of Prequalification, the Bidder's Bid shall name the same subcontractor as submitted in the prequalification application and approved by the Employer.<br>In case of Post-qualification, the Employer may permit subcontracting for certain specialized works as indicated in Section III When subcontracting is permitted by the Employer, the sub-contractor shall meet the qualifications criteria as indicated in section III.<br>Sub-contractors' qualification and experience will not be considered for evaluation of the Bidder. The Bidder on its own (without taking into account the qualification and experience of the sub-contractor) should meet the qualification criteria.<br>Bidders may propose subcontracting up to the percentage of total value of contracts or the volume of works as **specified in the BDS.** |
| 35. Evaluation of Price Bids | 35.1 The Employer shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted. |
| | 35.2 To evaluate a Price Bid, the Employer shall consider the following:<br>(a) the bid price, excluding Value Added Tax, and Provisional Sums, in the Summary Bill of Quantities, for Unit Rate Contracts, or Schedule of Prices for lump sum Contracts, but including Day work items, where priced competitively; |

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| | (b) adjustment for correction of arithmetic errors in accordance with ITB 33.1;<br>(c) adjustment due to discounts offered in accordance with ITB 14.4;<br>(d) adjustment for nonconformities in accordance with ITB 31.3;<br>(e) application of all the evaluation factors indicated in Section III (Evaluation and Qualification Criteria)<br>If the evaluated Bid Price of the Bidder is more than 30 (thirty) percent below or substantially higher than the cost estimate, the Employer shall reject the Bid as non-responsive. |
| | 35.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in bid evaluation. |
| | 35.4 If this Bidding Document allows Bidders to quote separate prices for different lots (Contracts), and to award multiple Contracts to a single Bidder **as specified in BDS**, the methodology to determine the lowest evaluated price of the Contract combinations, including any discounts offered in the Letter of Price Bid, is specified in Section III (Evaluation and Qualification Criteria). |
| | 35.5 If the bid for a Unit Rate Contract, evaluated as per ITB 36.1, is front-loaded or has quoted abnormally high rate for any item believing that the item was underestimated, the Employer **shall** require the Bidder to provide clarification along with detailed rate analysis, for any or all items of the Bill of Quantities as per ITB 27.1. The rate analysis submitted shall be analyzed and compared against prevailing norms and rates, on the basis of the work execution methodology, technology, and management methods specified by the bidder. If the clarification is deemed unsatisfactory, the Employer shall require that the amount of the performance security be increased at the expense of the Bidder as **specified in BDS**. |
| | 35.6 In case of e-submission bids, the Employer evaluates the bid on the basis of the information in the electronically submitted bid files. If the Bidder cannot substantiate or provide evidence to establish the information provided in e-submitted bid through documents/ clarifications as per ITB Clause 27.1, the bid shall not be considered for further evaluation. |
| | 35.7 If all the Bids evaluated are substantially higher than the cost estimate, the employer may negotiate with the bidder who submitted the lowest evaluated substantially responsive Bid to propose a lump sum discount rate in order to bring the bid price within the approved cost estimate. However, no change in the substance of the bid is permitted during the negotiations. |
| | 35.8 If no agreement can be reached as per ITB 35.7, the employer shall cancel the procurement proceedings. |

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| 36. Comparison of Bids | 36.1 The Employer shall evaluate all the bid prices of the substantially responsive bids in accordance with ITB 35.2. The Employer shall determine the Average Bid Price of all the substantially responsive Bids. The Bid Price which is closest to the Average Bid Price AND is not substantially higher than the cost estimate shall be selected for awarding the contract.<br><br>In case two or more Bid Prices are determined to be equally closest to the Average Bid Price, the Bid Price which is below the Average Bid Price shall be selected for awarding the contract. |
| | 36.2 While evaluating the Bid Price as per ITB 36.1, if the Bid Price of two or more Bidders is found to be equal, the Employer shall select the bid for awarding the contract by drawing of lots in presence of Bidders' designated representatives who choose to attend in date, time and place as notified by the Employer in writing to the concerned bidders. The Bidders' representatives who are present shall be requested to sign a record evidencing their attendance. The omission of a Bidder's signature on the record or the absence of a Bidder during the drawing of lots shall not invalidate the contents and the effect of the record. The method of drawing of lots shall be determined by the Employer. |
| 37. Employer's Right to Accept Any Bid, and to Reject Any or All Bids | 37.1 The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all Bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders. |
| | 37.2 The public entity shall give notice of the rejection of bids or the cancellation of the procurement proceedings pursuant to ITB 37.1, along with the reasons for such rejection or cancellation, to all bidders**.** |
| | 37.3 Where any bidder requests, within thirty (30) days of the communication of the notice pursuant to ITB 37.2, the grounds for the rejection of all bids or the cancellation of the procurement proceedings, the public entity shall provide such information to that bidder**.** |
| **F. Award of Contract** | |
| 38. Award Criteria | 38.1 The Employer shall award the Contract to the Bidder whose Bid Price is selected as per ITB 35.7, ITB 36.1 or ITB 36.2 and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily. |
| 39. Letter of Intent to Award the Contract/Notification of Award | 39.1 The Employer shall notify the concerned Bidder whose bid has been selected in accordance with ITB 38.1 within seven days of the selection of the bid, in writing that the Employer has intention to accept its bid and the information regarding the name, address and amount of selected bidder shall be given to all other bidders who submitted the bid. |
| | 39.2 After issuance of the notice under ITB 39.1 if the concerned bidder provides information pursuant to ITB 4.10 regarding saturation of maximum number of contracts, the employer shall disqualify the bidder and shall select the next Bidder whose Bid Price is closest to the previously determined Average Bid Price in accordance with ITB 38.1 and notify accordingly as per ITB 39.1. |
| | 39.3 If no bidder submits an application pursuant to ITB 42 within a period of seven days |

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| | of the notice provided under ITB 39.1, the Employer shall, accept the bid selected in accordance with ITB 38.1 and Letter of Acceptance shall be communicated to the selected bidder prior to the expiration of period of Bid validity, to furnish the performance security and sign the contract within fifteen days. |
| | 39.4 After communicating letter of acceptance under ITB 39.3, if the concerned bidder provides information pursuant to ITB 4.10 regarding saturation of maximum number of contracts, the employer shall reject the bid of that bidder and shall select the next Bidder whose Bid Price is closest to the previously determined Average Bid Price in accordance with ITB 38.1 and shall issue the notice accordingly as per ITB 39.1. In such case bid security of the rejected bidder shall not be forfeited. |
| 40. Performance Security | 40.1 Within Fifteen (15) days of the receipt of Letter of Acceptance from the Employer, the successful Bidder shall furnish the performance security in an amount equal to 5 (five) percent of the Bid Price in accordance with the Conditions of Contract and subject to ITB 35.5, from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal using Sample Form for the Performance Security included in Section X (Contract Forms), or another form acceptable to the Employer. The performance security issued by any foreign Bank outside Nepal must be counter guaranteed by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal.<br><br>The Bid Price shall be without VAT but including Provisional Sum. |
| | 40.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or to sign the Contract Agreement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security. In that event the Employer may award the Contract to the next Bidder whose Bid Price is closest to the previously determined Average Bid Price in accordance with ITB 38.1 whose offer is substantially responsive and is determined by the Employer to be qualified to perform the Contract satisfactorily. The process shall be repeated according to ITB 39. |
| 41 Signing of Contract | 41.1 The Employer and the successful Bidder shall sign the Contract Agreement within the period as stated ITB 40.1. |
| | 41.2 At the same time, the Employer shall affix a public notice on the result of the award on its notice board and make arrangement for causing such notice to be affixed on the notice board also of the ***District Coordination Committee, District Administration Office, Provincial Treasury and Controller Office and District Treasury and Controller Office.*** The Employer may make arrangements to post the notice into its website, if it has; and if it does not have, into the website of the Public Procurement Monitoring Office, identifying the bid and lot numbers and the following information: (i) the result of evaluation of bid; (ii) date of publication of notice inviting bids; (iii) name of newspaper; (iv) reference number of notice; (v) item of procurement; (vi) name and address of bidder making contract and (viii) contract price |
| | 41.3 Within thirty (30) days from the date of issuance of notification pursuant to ITB 39.1 unsuccessful bidders may request in writing to the Employer for a debriefing seeking explanations on the grounds on which their bids were not selected. The Employer shall promptly respond in writing to any unsuccessful Bidder who, requests for debriefing. |
| | 41.4 If the bidder whose bid has been accepted fails to sign the contract as stated ITB 40.1, the Public Procurement Monitoring Office shall blacklist the bidder on recommendation of |

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| | the Public Entity. |
| 42. Complaint and Review | 42.1 If a Bidder is dissatisfied with the Procurement proceedings or the decision made by the Employer in opening of the price bid or the intention to award the Contract, it may file an application to the Chief of the Public Entity within Seven (7) days of providing the notice under ITB 25.8 and ITB 39.1 by the Public Entity, for review of the proceedings stating the factual and legal grounds. |
| | 42.2 Late application filed after the deadline pursuant to ITB 42.1 shall not be processed. |
| | 42.3 The chief of Public Entity shall, within five (5) days after receiving the application, give its decision with reasons, in writing pursuant to ITB 42.1:<br>(a) whether to suspend the procurement proceeding and indicate the procedure to be adopted for further proceedings; or<br>(b) to reject the application.<br>The decision of the chief of Public Entity shall be final for the Bid amount up to the value as stated in 42.4. |
| | 42.4 If the Bidder is not satisfied with the decision of the Public Entity in accordance with ITB 42.3, or the decision is not given within five (5) days of receipt of application pursuant to ITB 42.1, it can, within seven (7) days of receipt of such decision, file an application to the Public Procurement Review Committee of the GoN, stating the reason of its disagreement on the decision of the chief of Public Entity and furnishing the relevant documents, provided that its Bid amount ,equal or more than Rupees Twenty Million (NRs. 20,000,000). The application may be sent by hand, by post, by courier, or by electronic media at the risk of the Bidder itself. |
| | 42.5 Late application filed after the deadline pursuant to ITB 42.4 shall not be processed. |
| | 42.6 Within three (3) days of the receipt of application from the Bidder, pursuant to ITB 42.4, the Public Procurement Review Committee shall notify the concerning Public Entity to furnish its procurement proceedings, pursuant to ITB 42.3. |
| | 42.7 Within three (3) days of receipt of the notification pursuant to ITB 42.6, the Public Entity shall furnish the copy of the related documents to the Public Procurement Review Committee. |
| | 42.8 The Public Procurement Review Committee, after inquiring from the Bidder and the Public Entity, if needed, shall give its decision within thirty (30) days of the receipt of the application filed by the Bidder, pursuant to ITB 42.4. |
| | 42.9 The Bidder, filing application pursuant to ITB 42.4, shall have to furnish a cash amount or Bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law equivalent to ten percent (10 %) of amount of bid security in case of complaint against decision pursuant to ITB 25.8 and one percent (1%) of its quoted Bid amount in case of complaint against decision pursuant to ITB 39.1 with the validity period of at least ninety (90) days from the date of the filing of application pursuant to ITB 42.4. |
| | 42.10 If the claim made by the Bidder pursuant to ITB 42.4 is justified, the Public Procurement Review Committee shall have to return the security deposit to the applicant, pursuant to ITB 42.9, within seven (7) days of such decision made. |
| | 42.11 If the application submitted by the Bidder pursuant to ITB 42.4 is dismissed by the |

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| | Public Procurement Review Committee, the security deposit (Cash or Bank Guarantee) submitted by the Bidder pursuant to ITB 42.9 shall be forfeited. |
| | 42.12 If the Employer does not implement the decision of the Public Procurement Review Committee, the bidder may file an application to the Public Procurement Review Committee. |

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# Section II: Bid Data Sheet

This section consists of provisions that are specific to each procurement and supplement the information or requirements included in Section I. Instructions to Bidders.

| A. General | |
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| ITB 1.1 | The number of the Invitation for Bids is: **03/83-84/CFWSP-Chandragadhi/WSSMO_Brt** |
| ITB 1.1 | The Employer is: **Water Supply and Sewerage Management Office, Biratnagar** |
| ITB 1.1 | Multiple Contract or lots (contracts) is: **not applicable** |
| ITB 2.1 | The name of the Project is: **Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa**<br>The DP is: **NA**<br>The implementing agency is: **Water Supply and Sewerage Management Office, Biratnagar**<br>GoN Funded or DP Funded: **GoN Funded** |
| ITB 3.3 (d) | For DP Funded: **Not Applicable** |
| ITB 4.1 (a) | **For GoN Funded:**<br>Maximum number of partners in a joint venture shall be: **3 (three)**<br>For DP Funded: **NA**<br>Maximum number of partners in a joint venture shall be: **NA** |
| ITB 4.4 | For GoN: **NA**<br>For DP: **NA** |
| ITB 4.9 & ITB 4.10 | **For GoN Funded:**<br>The Bidder, including all parties constituting the Bidder, shall be ineligible to participate in the open competitive bidding process if it has already secured **five (5)** number of construction contracts (in open competitive bidding) and has not yet completed the work as stipulated in the respective contracts.<br>Following Procurement of Works contracts shall not be counted for this purpose:<br>a) The works for which tender were invited or contracts accepted before 2078-12-03 B.S (March 17, 2022 A.D).<br>b) The works for which tender were invited and contracts accepted after 2078-12-03 B.S (March 17, 2022 A.D) but the work acceptance report has been approved according to Rule 117 of PPR.<br>c) The works for which tenders were invited or contracts accepted under all types of foreign assistance.<br>**For DP Funded:**<br>**NA** |

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| | There is no limit on number of running contracts that a Bidder, and all parties constituting the Bidder can have<br>or<br>Maximum number of running contracts that a Bidder, and all parties constituting the Bidder can have shall be: **NA** |
| **B. Bidding Document** | |
| ITB 7.1 | For clarification purposes only, the Employer's address is:<br>Attention: **Water Supply and Sewerage Management Office**<br>Address: **Biratnagar**<br>Telephone: **9852056036**<br>Facsimile number: **NA**<br>Electronic mail address: **fwssmp.biratnagar04@gmail.com** |
| ITB 7.4 | A Pre-Bid meeting **shall** held.<br>Pre-Bid Meeting will<br>**Take place at the following date, time and place:**<br>Date: **13 October, 2026**<br>Time: **14:00**<br>Place: **Water Supply and Sewerage Management Office, Biratnagar**<br>A site visit **shall not be** organized by the Employer. |
| ITB 7.5 | Time for request: Requests for clarification should be received by the Employer no later than **10 days** prior to the deadline for submission of bids. |
| **C. Preparation of Bids** | |
| ITB 10.1 | The language of the bid is: **English / Nepali** |
| ITB 11.2 (i) | The Bidder shall submit with its Technical Bid the following additional documents: **NA** |
| ITB 11.3 (b) | In accordance with ITB 12 and ITB 14, the following schedules shall be submitted with the bid, including the priced Bill of Quantities for Unit Rate Contracts and Schedule of Prices for lump sum contracts: **NA** |
| ITB 11.3 (e) | The Bidder shall submit with its Price Bid the following additional documents: **NA** |
| ITB 13.1 | Alternative bids **shall not be** permitted. |
| ITB 13.2 | Alternative times for completion **shall not be** permitted. |
| ITB 13.4 | Alternative technical solutions shall be permitted for the following parts of the Works: **NA** |
| ITB 14.6 | The prices quoted by the Bidder **shall be** subject to adjustment during the performance of the Contract.<br>**"Bidder shall submit the Table of Price Adjustment Data as a part of price bid."** |
| ITB 18.1 | The bid validity period shall be: **90 (Ninety) days** |
| ITB 19.1 | The Bidder shall furnish a bid security, from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal with a minimum of **NRs.** |

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| | **32,70,000.00** which shall be valid for 30 days beyond the validity period of the bid. |
| ITB 19.2 (b) | Office Name: **District Treasury Controller Office, Biratnagar Morang**<br>Bank Name: **Agricultural Development Bank Ltd.**<br>Bank Address: **Banking Main Branch, Biratnagar**<br>Account Number: **0601601014070045**<br>Office Code: **337051301** |
| ITB 20.1 | In addition to the original of the bid, the number of copy/ies is/are: **NA** |
| ITB 20.2 | The written confirmation of authorization to sign on behalf of the Bidder shall indicate:<br>(a) The name and description of the documentation required to demonstrate the authority of the signatory to sign the Bid such as a Power of Attorney; and<br>(b) In the case of Bids submitted by an existing or intended JV, an undertaking signed by all parties (i) stating that all parties shall be jointly and severally liable, and (ii) nominating a Representative who shall have the authority to conduct all business for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution. |
| **D. Submission and Opening of Bids** | |
| ITB 21.1 | Bidders shall have the option of submitting their bids: **by hand only** |
| ITB 22.1 | For bid submission purposes only, the Employer's address is:<br>Attention: **Water Supply and Sewerage Management Office**<br>Address: **Biratnagar**<br>The deadline for bid submission is:<br>Date: **30 October, 2026**<br>Time: **12:00** |
| ITB 25.1 | The Technical Bid opening shall take place at:<br>Address: **Water Supply and Sewerage Management Office, Biratnagar**<br>Date: **30 October, 2026**<br>Time: **13:00** |
| **E. Evaluation and Comparison of Bids** | |
| ITB 34.1 | Contractor's proposed subcontracting: Maximum percentage of subcontracting permitted is: **NA** |
| ITB 35.4 | Bidders are **not permitted** to quote separate prices for lots (Contracts), and a single Bidder will be awarded multiple lots (Contracts) based on provision of **Paragraph 1.2, Multiple Contracts Section III (Evaluation and Qualification Criteria):** |
| ITB 35.5 | The amount of the performance security be increased by **Eight (8)** percent of the quoted bid price without VAT but Including PS. |

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# Section III: Evaluation and Qualification Criteria

This Section contains all the criteria that the Employer shall use to evaluate bids and qualify Bidders by post-qualification exercise. GoN/DP requires bidders to be qualified by meeting predefined, precise minimum requirements. The method sets pass-fail criteria, which, if not met by the bidder, results in disqualification. In accordance with ITB 32 and ITB 35, no other methods, criteria and factors shall be used. The Bidder shall provide all the information requested in the forms included in Section IV (Bidding Forms).

## 1. Evaluation

In addition to the criteria listed in ITB 35.2 (a) - (e) the following criteria shall apply:

**Note:**
Use the evaluation criteria listed below as appropriate and required for the project.

### 1.1 Adequacy of Technical Proposal

Evaluation of the Bidder's Technical Proposal will include an assessment of the Bidder's technical capacity, to mobilize key equipment and personnel for the contract consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section VI (Works Requirements).

Non-compliance with equipment and personnel requirements described in Section VI (Works Requirements) shall not be grounds for bid rejection and such non-compliance will be subject to clarification and rectification prior to contract award.

### 1.2 Multiple Contracts

**Multiple Contracts**, if permitted under ITB 35.4, will be evaluated as follows:

**Award Criteria for Multiple Contracts [ITB 35.4]:**

Bidders have the option to Bid for any one or more Contracts. Bids will be evaluated taking into account discounts offered, if any, for combined contracts. The contract(s) will be awarded to the Bidder or Bidders offering the lowest evaluated cost to the Employer for combined contracts, subject to the selected Bidder(s) meeting the required qualification criteria for combination of multiple contracts as the case may be.

**Qualification Criteria for Multiple Contracts:**

The criteria for qualification shall be the sum of the minimum requirements for respective individual contracts as specified under items 2.3.2, 2.3.3, 2.3.4 and 2.4.2 b.

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With respect to the **Contracts of Similar Size and Nature** under item 2.4.2(a) of Section III, the evaluation shall be done as below:

N is the minimum number of contracts required as per Specific Construction Experience (2.4.2(a)).

V is the minimum value of a single contract as per Note (2~~), or~~ **or** (3) of 2.4.2 Specific Construction Experience.

**i.** Minimum requirements for combined contract(s) shall be the aggregate requirements for each contract for which the bidder has submitted bids as follows, and N1,N2,N3, etc. shall be different contracts:

Contract 1: N1 contracts, each of minimum value V1;
Contract 2: N2 contracts, each of minimum value V2;
Contract 3: N3 contracts, each of minimum value V3;
----etc.

**Or**

**ii.** Total number of contracts is equal or less than N1 + N2 + N3 +--but the total value of all such contracts is equal or more than N1 x V1 + N2 x V2 + N3 x V3 +---.

**1.3 In Case, other than Multiple Contracts**

Bidders have the option to Bid for any one or more Contracts. The contracts will be awarded to the Bidder or Bidders offering the **substantially responsive Bid closest to the Average Bid Price** to the Employer, subject to the selected Bidder(s) meeting the required qualification which shall be the sum of the minimum requirements for respective individual contracts. Under this case, the Contract shall be awarded based on Least Cost Combination to the Employer.

**1.4 Completion Time**

An alternative Completion Time, if permitted under ITB 13.2, will be evaluated as follows: **NA**

**1.5 Alternative Technical Solutions**

Alternative technical solutions, if permitted under ITB 13.4, will be evaluated as follows: **NA**

**1.6 Quantifiable Nonconformities and Omissions**

Subject to ITB 14.2 and ITB 35.2, the evaluated cost of quantifiable nonconformities including omissions, is determined as follows:

[***Insert in bidding document:*** **"**Pursuant to ITB 31.3, the cost of all quantifiable nonmaterial nonconformities shall be evaluated, but excluding omission of prices in the BoQ.The Employer will

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make its own assessment of the cost of any nonmaterial nonconformities and omissions for the purpose of ensuring fair comparison of bids."]

## 2. Qualification

### 2.1 Eligibility

| Criteria | Compliance Requirements | | | | Documents |
|---|---|---|---|---|---|
| **Requirement** | **Single Entity** | **Joint Venture** | | | **Submission Requirements** |
| | | **All Partners Combined** | **Each Partner** | **One Partner** | |
| **2.1.1 Nationality** | | | | | |
| Nationality in accordance with ITB sub-clause 4.2 | must meet requirement | must meet requirement | must meet requirement | not applicable | Letter of Technical Bid, Forms ELI –1; ELI – 2 with attachments |
| **2.1.2 Conflict of Interest** | | | | | |
| No conflicts of interest in accordance with ITB Sub-Clause 4.3. | must meet requirement | existing or intended JV must meet requirement | must meet requirement | not applicable | Letter of Technical Bid |
| **2.1.3 Government/ DP Eligibility** | | | | | |
| Not having been declared ineligible by government /DP, as described in ITB Sub-Clause 4.4. | must meet requirement | must meet requirement | must meet requirement | not applicable | Letter of Technical Bid |
| **2.1.4 Government-owned Entity** | | | | | |
| Bidder required to meet conditions of ITB Sub-Clause 4.5. | must meet requirement | existing or intended JV must meet requirement | must meet requirement | not applicable | Letter of Technical Bid, Forms ELI - 1, ELI - 2, with attachments |
| **2.1.5 UN Eligibility** | | | | | |

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| Not having been declared ineligible based on a United Nations resolution or Employer's country law, as described in ITB Sub-Clause 4.7. | must meet requirement | existing or intended JV must meet requirement | must meet requirement | not applicable | Letter of Technical Bid |
| **2.1.6 Bidder's Running Contracts** | | | | | |
| Bidders have not yet secured five (5) number of construction Contracts[2] (in open competitive bidding) as described in ITB Sub-Clause 4.9. | must meet requirement | existing or intended JV must meet requirement | must meet requirement | not applicable | Letter of Technical Bid, Form ELI-3 |
| ***2.1.7 Other Eligibility*** | | | | | |
| Firm or Company Registration Certificate | must meet requirement | not applicable | must meet requirement | not applicable | Document attachment |
| Business Registration License | must meet requirement | not applicable | must meet requirement | not applicable | Document attachment |
| VAT and PAN Registration certificate ***(only for domestic bidders)*** | must meet requirement | not applicable | must meet requirement | not applicable | Document attachment |
| Tax Clearance Certificate or Tax return submission evidence or evidence of time extension for the **F/Y: 2082/083** | must meet requirement | not applicable | must meet requirement | not applicable | Document attachment |
| Additional requirements | **NA** | **NA** | **NA** | **NA** | **NA** |

[2] Following Procurement of Works contracts shall not be counted for this purpose:

a) The works for which tender were invited or contracts accepted before 2078-12-03 B.S (March 17, 2022 A.D)

b) The works for which tender have been invited and contracts accepted after 2078-12-03 B.S (March 17, 2022 A.D) but the work acceptance report has been approved according to Rule 117 of PPR.

c) The works for which tenders were invited or contracts accepted under all types of foreign assistance.

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**2.2 Pending Litigation**

| Criteria | Compliance Requirements | | | | Documents |
|---|---|---|---|---|---|
| **Requirement** | **Single Entity** | **Joint Venture** | | | **Submission Requirements** |
| | | **All Partners Combined** | **Each Partner** | **One Partner** | |
| **2.2.1 Pending Litigation** | | | | | |
| All pending litigation shall be treated as resolved against the Bidder and so shall in total not represent more than **50 (fifty)** percent of the Bidder's net worth. | must meet requirement by itself or as partner to past or existing JV | not applicable | must meet requirement by itself or as partner to past or existing JV | not applicable | Form LIT - 1 |

***Note:***

*(1) The percentage should normally be within the range of 50% to 100% of the Bidder's net worth.*

**2.3 Financial Situation**

| **2.3.1 Historical Financial Performance** | | | | | |
|---|---|---|---|---|---|
| Submission of audited balance sheets and income statements, for the last **3 (three)** years to demonstrate the current soundness of the Bidder's financial position. As a minimum, a Bidder's net worth for the last year calculated as the difference between total assets and total liabilities should be positive. | must meet requirement | not applicable | must meet requirement | not applicable | Form FIN - 1 with attachments |

**Note:**

*(2)The financial information provided by a Bidder should be reviewed in its entirety to allow a truly informed judgment, and the pass-fail decision on the financial position of the Bidder should be given on this basis. Balance sheet of the past three to five year's period which shall be decided according to the nature of the work.*

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| **2.3.2 Average Annual Construction Turnover** | | | | | |
|---|---|---|---|---|---|
| Minimum average annual construction turnover of **NRs**. **7,83,00,000.00** calculated as total certified payments received for construction contracts in progress or completed, within best three years out of last ten fiscal years. | must meet requirement | must meet requirement | must meet **25%** of the requirement | must meet **40%** of the requirement | Form FIN -2 |

Only the net amount shall be calculated after deducting the amount for VAT and such amount shall be adjusted to present value by applying wholesale price index of Nepal Rastra Bank.

***Note:***

*(3) The amount stated should normally not be less than 1.5 x V/T, the estimated annual turnover in the subject contract based on a straight-line projection of the Engineer's estimated cost (V), over the contract duration (T) in year. The Engineer's estimated cost (V) is taken without VAT and contingencies but including provisional sum. Contract duration less than one year shall be considered one year. The multiplier of 1.5 m ay be reduced up to1 (one) in accordance with the size, nature and complexity of contracts.*

*(4) Usually not less than 25 %*

*(5) Usually not less than 40 %*

| **2.3.3 Financial Resources** | | | | | |
|---|---|---|---|---|---|
| Using Forms FIN - 3 and FIN - 4 in Section IV (Bidding Forms) the Bidder must demonstrate access to, or availability of, financial resources such as liquid assets[3], unencumbered real assets, and other financial resources, (other than any contractual advance payments) to meet the cash-flow requirement of **NRs**. **2,17,50,000.00** | must meet requirement | must meet requirement | must meet **25%** of the requirement | must meet **40%** of the requirement | Form FIN - 3 |

*Note:*

[3] Liquid Assets mean cash and cash equivalents, short-term financial instruments, short term available-for-sale-securities, marketable securities, trade receivables, short-term financing receivables and other assets that can be converted into cash within ONE YEAR.

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*(6) Construction cash flow requirement for a number of months (to the nearest half-month), determined as the total time needed by the Employer to pay a contractor's invoice, allowing for (a) the actual time consumed for construction, from the beginning of the month invoiced, (b) the time needed by the Project Manager to issue the monthly payment certificate, (c) the time needed by the Employer to pay the amount certified, and (d) a contingency period of one month to allow for unforeseen delays. The total period should not exceed three months for estimated cost (without VAT and contingencies but including PS) more than NRs. 250 Millions and for estimated cost (without VAT and contingencies but including PS) less than NRs. 250 Millions, the total period should not exceed 5 months. The assessment of the monthly amount should be based on a straight-line projection of the estimated cash flow requirement over the particular contract period, neglecting the effect of any advance payment and retention monies, but including contingency allowances in the estimated contract cost.]*

*(7) Usually not less than 25 %*

*(0) Usually not less than 40 %*

| **2.3.4 Required Bid Capacity** | | | | | |
|---|---|---|---|---|---|
| The bidding capacity of the bidder should be equal to or more than the **NRs. 10,44,00,000.00** | must meet requirement | must meet requirement | must meet **25%** of the requirement | must meet **40%** of the requirement | Form FIN - 4 and Form FIN - 5 |

***Note:***

*(9) The amount stated should be 80 % to 100 % of Engineer's Estimate (without VAT and Contingencies but including Provision Sum) in round figure*

*(10) Usually not less than 25 %*

*(11) Usually not less than 40 %*

## 2.4 Experience

| **Criteria** | **Compliance Requirements** | | | | **Documents** |
|---|---|---|---|---|---|
| **Requirement** | **Single Entity** | **Joint Venture** | | | **Submission Requirement** |
| | | **All Partners Combined** | **Each Partner** | **One Partner** | |
| **2.4.1 General Construction Experience** | | | | | |
| Experience under construction contracts in the role of contractor, subcontractor, or management contractor for at least the last **5 (five)** years prior to the applications submission deadline. | must meet requirement | not applicable | must meet requirement | not applicable | Form EXP - 1 |

***Note:***

*(12) Insert number of years in words and figures. The time period is normally 5 years, but may be reduced to not less than 3 years, according to the nature of works.*

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| Criteria | Compliance Requirements | | | | Documents |
|---|---|---|---|---|---|
| **Requirement** | **Single Entity** | **Joint Venture** | | | **Submission Requirement** |
| | | **All Partners Combined** | **Each Partner** | **One Partner** | |
| **2.4.2 Specific Construction Experience** | | | | | |
| **(a) Contracts of Similar Size and Nature** | | | | | |
| **(i) For Works with Estimated value (without VAT & Contingency but including PS) up to NRs.** 100 million | | | | | |
| Participation as Prime contractor, management contractor, or subcontractor, within the last ten (10) years, that have been successfully or are substantially[a] completed and that are similar to the proposed works. The similarity shall be based on the physical size, complexity, methods, technology or other characteristics as described;<br>1….<br>2….<br>3….. | must meet requirement,<br>in at least One (1) Contract with a value of at least NRs …..(13)…. | not applicable | not applicable | must meet requirement,<br>in at least One (1) Contract with a value of at least NRs …..(13)…. | Form EXP – 2(a) |
| **(ii) For Works with Estimated value (without VAT & Contingency but including PS) above NRs. 100 million** | | | | | |
| **Criteria** | **Compliance Requirements** | | | | **Documents** |
| **Requirement** | **Single Entity** | **Joint Venture** | | | **Submission Requirement** |
| | | **All Partners Combined** | **Each Partner** | **One Partner** | |
| Participation as Prime contractor, management contractor, or subcontractor, within the last ten (10) years, that have been successfully or are substantially[a] completed and that are similar to the proposed works. The similarity shall be based on the physical size, complexity, methods, | Must meet requirement<br>in at least One (1) Contract with a value of at least **NRs. 7,83,00,000.00** | not applicable | not applicable | Must meet requirement<br>in at least One (1) Contract with a value of at least **NRs. 7,83,00,000.00** | Form EXP – 2(a) |

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| technology or other characteristics as described;<br>**Construction of at least 1(one) Water Supply Project** | | | | | |
| **(iii) For complex works with Estimated value (without VAT & Contingency but including PS) up to NRs. 100 million**** | | | | | |
| Participation as Prime contractor, management contractor, or subcontractor, within the last ten (10) years, that have been successfully or are substantially[a] completed and that are similar to the proposed works. The similarity shall be based on the physical size, complexity, methods, technology or other characteristics as described;<br>1….<br>2….<br>3….. | must meet requirement,<br>in at least One (1) Contract with a value of at least NRs …..(13) …. | not applicable | must meet requirement in at least one Contract with a value of at least NRs ….. **(15)**…. | must meet requirement,<br>in at least One (1) Contract with a value of at least NRs …..(13) …. | Form EXP – 2(a) |
| **(iv) For complex works with Estimated value (without VAT & Contingency but including PS) above NRs. 100 million**** | | | | | |
| Participation as Prime contractor, management contractor, or subcontractor, within the last **ten (10)**) years, that have been successfully or are substantially[a] completed and that are similar to the proposed works. The similarity shall be based on the physical size, complexity, methods, technology or other characteristics as described;<br>1….<br>2….<br>3….. | must meet requirement,<br>in at least One (1) Contract with a value of at least NRs …..(14) …. | not applicable | must meet requirement in at least one Contract with a value of at least NRs …..***(15)***…. | must meet requirement,<br>in at least One (1) Contract with a value of at least NRs …..(14) …. | Form EXP – 2(a) |

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Only the net amount shall be calculated after deducting the amount for VAT and such amount shall be adjusted to present value by applying wholesale price index of Nepal Rastra Bank.

***Complex works means those works involving complex technology such as tunnel roads, roads (asphalt concrete, Rigid pavement with high strength concrete etc.), major bridges, special bridges (pre stress bridge, arch bridge, cable stayed bridge, suspension bridge etc.), airport, large water supply and wastewater projects, large irrigation projects and their components like Headworks, weir, Barrage, Tunnel works, hydropower projects and similar works. However, in case of complex works like tunnel roads, airports, railway lines, hydropower projects, flyover, viaduct etc. for which experienced domestic bidders may not be available in market, in order to enhance capability of domestic bidders, the qualification criteria may be specified in a similar manner for non-complex works i.e. each partner's requirement may be specified as "not applicable".*

[a] A contract for which a Taking-Over Certificate has been issued shall be considered as substantially completed.

***Note:***

*(13) Insert amount in Nepalese rupees, which is 40% (in above round figure in thousand) of the estimated value (without VAT and contingencies but including provisional sum) of the subject contract.*

*(14) Insert amount in Nepalese rupees, which is 60% (in above round figure in thousand) of the estimated value (without VAT and contingencies but including provisional sum) of the subject contract.*

*(15) Only in case of complex works, insert amount which is 10% (in above round figure in thousand) of the estimated value (without VAT and contingencies but including provisional sum) of the subject contract.*

| **Criteria** | **Compliance Requirements** | | | | **Documents** |
|---|---|---|---|---|---|
| **Requirement** | **Single Entity** | **Joint Venture** | | | **Submission Requirement** |
| | | **All Partners Combined** | **Each Partner** | **One Partner** | |
| **(b) Construction Experience in Key Activities*** | | | | | |
| Participation as Prime contractor, management contractor, or subcontractor, within a last ten (10) years, For the above or other contracts stipulated in 2.4.2(a) above, a minimum annual production rate on construction experience in the following key activities that have been successfully or substantially[a] completed:<br>**(1) Procurement, Supplying and Laying and Jointing of HDPE/PE/GI/DI Pipe at least 121.00 km length of Pipe size 50mm dia. and above separately or in combined in a single/multiple contract.** | must meet all requirements | must meet all requirements | not applicable | not applicable | Form EXP - 2(b) |
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- *Under Criterion 2.4.2 (a), the specified requirements define the similarity of contracts, whereas the key activities or production rates to be specified under Criterion 2.4.2 (b) define the required capability of the Bidder to execute key components of the Works. There shall be no inconsistency or duplication of requirements between Criteria 2.4.2(a) and 2.4.2(b).*
- *For the rate of production, the rate of production shall be on the basis of the average during the entire contract period.*
- *Only the activities having weightage 10 percent or more of the total estimated amount that should be manufactured or built by contractor should be considered as key activities.*
- *Key activities or production rates to be specified shall not restrict innovation and better quality.*
- *Key activities or production rates of different contracts for a particular duration can be added while evaluating. The annual production rate of key activities can be converted to a monthly production rate during the overlap period for better interpretation and evaluation.*
- *While specifying key activities or production rates, it shall be assured and to be recorded by public entity so that sufficient bidders with required qualification are available in market for adequate competition.*
- *Key activities or production rates to be specified shall be unambiguous e.g. environmentally friendly, international/high standard, complex technology etc.*
- *While specifying Key activities or production rates, the similarity shall be based on the complexity, methods or technology to be adopted.*
- *The activities that can be sub-contracted or readily available in the market (e.g. lift, elevator, electrical works, special type of facilities etc.) shall not considered as key activities.*

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## 2.5 Subcontractors

The experience and financial capacity of the sub-contractors shall not be added to those of the Bidder for purposes of qualification of the Bidder.

The sub-contractors proposed shall be fully qualified for their work proposed, and meet the following criteria:

2.5 (a) Nature of Works that can be sub contracted: **NA**

(i) ……..

(ii) ……..

*Note: Employer should specify the nature of work, if sub-contracting is permitted.*

2.5 (b) Qualification Criteria

The proposed sub-contractor shall meet the following requirements:

1) Within the last ten (10) years, completion of at least NRs. ……..(5)…… *for work of a similar nature to the work being subcontracted.*
2) Minimum average annual construction turnover for the work being sub contracted of NRs …..(6)….., calculated as total certified payments received for construction contracts in progress or completed, within best three years out of last ten fiscal years.

*Note: Delete 2.5(b) if 2.5(a) is not applicable*

*(5) 80% of the value in Nepalese Rupees (NRs).*

*(6) The amount stated should not be less than 1.5 * V/T where V is the proposed value of sub contract works and T is estimated time in year for which the intended sub-contracting work is to be completed. For intended Sub contracting work duration of up to 1 year, T shall be "1".*

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# Section IV: Bidding Forms

This Section contains the forms which are to be completed by the Bidder and submitted as part of its Bid.

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# Letter of Technical Bid

The Bidder must accomplish the Letter of Technical Bid in its letter head clearly showing the Bidder's complete name and address.

Date: .....

Name of the contract: .....

Invitation for Bid No.: .....

To: ***[Insert Complete name of Employer]*** …….....

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) Clause 8.

(b) We offer to execute in conformity with the Bidding Documents the following Works: ***[Insert Description of the works]***

(c) Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of ***[insert validity period as specified in ITB 18.1 of the BDS]*** days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

(d) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from eligible countries in accordance with ITB 4.2 and meet the requirements of ITB 3.4,& ITB 3.5

(e) We are not participating, as a Bidder or as a subcontractor, in more than one Bid in this bidding process in accordance with ITB 4.3(e), other than alternative offers submitted in accordance with ITB 13.

(f) Our firm, its affiliates or subsidiaries, including any Subcontractors or Suppliers for any part of the contract, has not been declared ineligible by DP, under the Employer's country laws or official regulations or by an act of compliance with a decision of the United Nations Security Council;

(g) [We are not a government owned entity] / [We are a government owned entity but meet the requirements of ITB 4.5];[1]

(h) We declare that, we including any subcontractors or suppliers for any part of the contract do not have any conflict of interest in accordance with ITB 4.3 and we have not been punished for an offense relating to the concerned profession or business.

(i) We declare that we are solely responsible for the authenticity of the documents submitted by us. The document and information submitted by us are true and correct. If any document/information given is found to be concealed at a later date, we shall accept any legal actions by the Employer.

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(j) We agree to permit the Employer/DP or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the Employer.

(k) If our Bid is accepted, we commit to mobilizing key equipment and personnel in accordance with the requirements set forth in Section VI (Works Requirement) and our technical proposal, or as otherwise agreed with the Employer.

(l) We declare that we have not yet secured five (5)[4] number of construction contract (in open competitive bidding) as described in ITB Sub-Clause 4.9.

Name: ***[insert complete name of the person signing the Bid]*.....**

In the capacity of ***[insert legal capacity of person signing the Bid]*.....**

Signed ***[signature of the person whose name and capacity are shown above]*……...**

Duly authorized to sign the Bid for and on behalf of ***[insert complete name of the Bidder]*……**

Date ***[insert date of signing]*……....**

[1] Note: Use one of the two options as appropriate.

[4] Note: Following Procurement of Works contracts shall not be counted for this purpose:

a) The works for which tender were invited or contracts accepted before 2078-12-03 B.S (March 17, 2022 A.D).

b) The works for which tender have been invited and contracts accepted after 2078-12-03 B.S (March 17, 2022 A.D) but the work acceptance report has been approved according to Rule 117 of PPR.

c) The works for which tenders were invited or contracts accepted under all types of foreign assistance.

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# Bid Security

**Bank Guarantee**

***Bank's Name, and Address of Issuing Branch or Office***

***(On Letter head of the Bank)***

Beneficiary: **.....*[Insert name and address of Employer]*** ……

Date: ……Bid Security No.: .....

We have been informed that. ……. ***[insert name of the Bidder]*** (hereinafter called "the Bidder")intends to submit its bid (hereinafter called "the Bid") to you for the execution of **……....*[Insert name of Contract]*** …… under Invitation for Bids No. ……***[insert IFB No.]*** ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we……. . [***Insert name of Bank]*** …….. hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of Nepalese Rupees . . ……...***[Insert amount in figures and amount in words}*** **…….** upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

(a) has withdrawn or modifies its Bid:

i) during the period of bid validity specified by the Bidder on the Letter of Technical and Price Bid, in case of electronic submission

(ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Technical Bid and Price Bid, in case of hard copy submission; or

(b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or

(c) changes the prices or substance of the bid while providing information pursuant to clause 27.1 of ITB; or

(d) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the performance security, in accordance with the ITB; or

(e) is involved in fraud and corruption in accordance with the ITB; or

(f) if the bidder fails to inform about the saturation of the maximum number of contracts as per ITB 4.10.

This guarantee will remain in force up to and including the date ……***number***……days after the deadline for submission of Bids as such deadline is stated in the instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not letter than the above date.

This Bank guarantee shall not be withdrawn or released merely upon return of the original guarantee by the Bidder unless notified by you for the release of the guarantee.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG), 2010 Revisions, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

***. . .Bank's seal and authorized signature(s) . . .***

**Note:**

The bid security of ……..……. has been counter guaranteed by the Bank ……..……..…… on …….. ..... ...……..……. (Applicable for Bid Security of Foreign Banks).

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# Technical Proposal Format

Personnel

Equipment

Site Organization

Method Statement

Mobilization Schedule

Construction Schedule

Others

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# Personnel

## Form PER - 1: Proposed Personnel

Bidders should provide the names of suitably qualified personnel to meet the specified requirements for each of the positions listed in Section VI (Work Requirements). The data on their experience should be supplied using the Form below for each candidate.

| No. | Name | Position* | Academic Qualification | Total Work Experience [Years] | Experience in Similar Works [years] |
|---|---|---|---|---|---|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| | | | | | |

∗ As listed in Section VI (Work Requirements).

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## Form PER - 2: Resume of Proposed Personnel

The Bidder shall provide all the information requested below.

| | | |
|---|---|---|
| Position* | | |
| Personal Information | Name | Date of Birth |
| | Professional qualifications | |
| Present employment | Name of employer | |
| | Address of employer | |
| | Telephone | Contact (manager/personnel officer) |
| | Fax | E-mail |
| | Job title | Years with present employer |

Summarize professional experience over the last twenty years in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

| **From** | **To** | **Company, Project, Position and Relevant Technical and Management Experience** |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

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# Equipment

Form EQU: Equipment

The Bidder shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section VI (Work Requirements). A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder.

**(i) For the equipment under Bidder's ownership**

| No. | Equipment Type and Characteristics | Total Nos. of Equipment under Bidder's Ownership | No. of Equipment engaged/proposed for ongoing/committed contracts | Nos. of Equipment proposed for this contract |
|---|---|---|---|---|
| *1.* | | | | |
| *2.* | | | | |
| *3.* | | | | |
| *4.* | | | | |
| *5.* | | | | |
| | | | | |

**(ii) For the Equipment to be leased/hired**

| No. | Equipment Type and Characteristics | Total Nos. of Equipment under the ownership of lease/hire provider | No. of Equipment engaged/committed for other works | Nos. of Equipment proposed to be leased/hired for this contract |
|---|---|---|---|---|
| *1.* | | | | |
| *2.* | | | | |
| *3.* | | | | |
| *4.* | | | | |
| *5.* | | | | |
| | | | | |

| | | |
|---|---|---|
| Type of Equipment | | |
| Equipment Information | Name of manufacturer | Model and power rating |
| | Capacity | Year of manufacture |
| Current Status | Current location | |
| | Details of current commitments | |
| Source | Indicate source of the equipment<br>☐ Owned ☐ Rented ☐ Leased ☐ Specially manufactured | |

The following information shall be provided only for equipment not owned by the Bidder.

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| | | |
|---|---|---|
| Owner | Name of owner | |
| | Address of owner | |
| | Telephone | Contact name and title |
| | Fax | email |
| Agreements | Details of rental / lease / manufacture agreements specific to the project | |

**The Bidder shall be solely responsible for the data provided. However, this shall not limit the right of Employer to verify the authenticity of submitted information.**

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# Bidder's Information and Qualification Format

Site Organization

Method Statement

Mobilization Schedule

Construction Schedule

Others

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# Bidder's Qualification

To establish its qualifications to perform the contract in accordance with Section III (Evaluation and Qualification Criteria) the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder.

## Form ELI - 1: Bidder's Information Sheet

| **Bidder's Information** | |
|---|---|
| Bidder's legal name | |
| In case of JV, legal name of each partner | |
| Bidder's country of constitution | |
| Bidder's year of constitution | |
| Bidder's legal address in country of constitution | |
| Bidder's authorized representative (name, address, telephone numbers, fax numbers, e-mail address) | |
| Attached are copies of the following original documents. | |
| 1. In case of single entity, articles of incorporation or constitution of the legal entity named above, in accordance with ITB 4.1 and 4.2.<br>2. Authorization to represent the firm or JV named in above, in accordance with ITB 20.2.<br>3. In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1.<br>4. In case of a government-owned entity, any additional documents not covered under 1 above required to comply with ITB 4.5. | |

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## Form ELI - 2: JV Information Sheet

Each member of a JV must fill in this form

| **JV / Specialist Subcontractor Information** | |
|---|---|
| Bidder's legal name | |
| JV Partner's or Subcontractor's legal name | |
| JV Partner's or<br><br>Subcontractor's country of constitution | |
| JV Partner's or<br><br>Subcontractor's year of constitution | |
| JV Partner's or<br><br>Subcontractor's legal address in country of<br><br>constitution | |
| JV Partner's or<br><br>Subcontractor's authorized representative<br><br>information (name, address, telephone numbers,<br><br>fax numbers, e-mail address) | |
| Attached are copies of the following original documents. | |
| 1. articles of incorporation or constitution of the legal entity named above, in accordance with ITB 4.1 and 4.2.<br>2. Authorization to represent the firm named above, in accordance with ITB 20.2.<br>3. In the case of government-owned entity, documents establishing legal and financial autonomy and compliance with commercial law, in accordance with ITB 4.5. | |

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## Form ELI - 3: Bidder's Running Contracts[8]

Each member of a JV must fill in this form

| | Bidder's Running Contracts | | | | |
|---|---|---|---|---|---|
| **Name of office** | **Contract Identification no.** | **Source of Fund*** | **Date of issuance of Letter of Acceptance** | **Status of contract**** | **Date of Issuance of Taking Over Certificate***** |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

* Mention GON funded or DP funded or Other PE (Insert name) funded

** Mention "Yet to sign" if contract is not signed, "Running" if contract has been signed and contract is running and "Substantially completed" if taking over certificate has been issued.

** Insert date of issuance of taking over certificate if the awarded contract has been substantially completed and taking over certificate has been issued.

[8]:Note Following Procurement of Works contracts shall not be counted for this purpose

a) The works for which tender were invited or contracts accepted before 2078-12-03 B.S (March 17, 2022 A.D).

b) The works for which tender have been invited and contracts accepted after 2078-12-03 B.S (March 17, 2022 A.D) but the work acceptance report has been approved according to Rule 117 of PPR.

c) The works for which tenders were invited or contracts accepted under all types of foreign assistance

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## Form LIT - 1: Pending Litigation

Each member of a JV must fill in this form

| **Pending Litigation** | | | |
|---|---|---|---|
| ☐ No pending litigation in accordance with Criteria 2.2 of Section III (Evaluation and Qualification Criteria)<br>☐ Pending litigation in accordance with Criteria 2.2 of Section III (Evaluation and Qualification Criteria) | | | |
| **Year** | **Matter in Dispute** | **Value of Pending Claim in NRS** | **Value of Pending Claim as a Percentage on Net Worth** |
| | | | |
| | | | |
| | | | |

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## Form FIN - 1: Financial Situation

Each Bidder or member of a JV must fill in this form

| Financial Data for Previous 3 Years [in NRS] | | |
|---|---|---|
| **Year 1 :** | **Year 2 :** | **Year 3 :** |

**Information from Balance Sheet**

| | | | |
|---|---|---|---|
| **Total Assets** | | | |
| **Total Liabilities** | | | |
| **Net Worth** | | | |
| **Current Assets** | | | |
| **Current Liabilities** | | | |

**Information from Income Statement**

| | | | |
|---|---|---|---|
| **Total Revenues** | | | |
| **Profit Before Tax** | | | |
| **Profit After Tax** | | | |

- Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last three or above years, as indicated above, complying with the following conditions.
- All such documents reflect the financial situation of the Bidder or partner to a JV, and not sister or parent companies.
- Historic financial statements must be audited by a certified auditor.
- Historic financial statements must be complete, including all notes to the financial statements.
- Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

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## Form FIN - 2: Average Annual Construction Turnover

Each Bidder or member of a JV must fill in this form

The information supplied should be the Annual Turnover of the Bidder or each member of a JV in terms of the amounts billed to clients for each year for work in progress or completed to NRs at the end of the period reported.

| **Annual Turnover Data for the Last 10 Years (Construction only)** | |
|---|---|
| Year | Amount Currency |
| | |
| | |
| | |

- **Average Annual Construction Turnover (Best three years within the last 10 years)**

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## Form FIN - 3: Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as indicated in Section III (Evaluation and Qualification Criteria).

| **Financial Resources** | | |
|---|---|---|
| **No.** | **Source of financing** | **Amount (in NRS)** |
| **1** | | |
| **2** | | |
| **3** | | |

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## Form FIN – 4: Bid Capacity

Each Bidder or member of a JV must fill in this form

**Bid Capacity = [(5 x A) – B]**

A = Average Annual Turnover of best three years out of last ten fiscal years.

B = Annual Value of the existing commitments and works (ongoing) to be completed, calculated from **FIN-4.**

| SN | Name of Bidder | Pan No. | A, in Million | B, in Million | Bid Capacity, in Million |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |

**Total Bid Capacity:**

**Signature of Bidder**

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## Form FIN- 5: Current Contract Commitments / Works in Progress

Bidders and each partner to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

| Current Contract Commitments ( For Calculation of B with reference of FIN-3) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **No.** | **Name of Contract** | **Name of the Contractor/s** | **Employer's Contact Address, Tel, Fax** | **Contract Share in % (a)** | **Contract Amount in Millions (b)** | **Contract Date(yyyy-mm) (c)** | **Initial or Revised Contract Duration (months) (d)** | **Value of outstanding works [In Millions, NRS]# (e)** | **Estimated Time in Month to Complete the outstanding works (f) = (c) + (d) – Date of Invitation of Bid (f)** |
| **1** | | | | | | | | | |
| **2** | | | | | | | | | |
| **3** | | | | | | | | | |
| **4** | | | | | | | | | |

**Signature of Bidder**

**# The Outstanding Works means Contract Price (excluding Vat) minus Work Evaluated by Employer till the reference date. Bidder shall have to submit the relevant documentary evidence to substantiate the facts/figures.**

**Note 1: "B" shall be calculated as :** $B = \sum \left[ \frac{(e) \times (a)}{(f)} \right] x12$ **, If (f) is less than 12, then value of (f) shall be taken as 12.**

**Note 2: If Initial or Revised Contract Date is run out with respect to Date of Invitation of Bid, the Estimated Time in Month to Complete the outstanding works shall be taken equal to 12 months.**

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## Form EXP - 1: General Construction Experience

Each Bidder or member of a JV must fill in this form.

| General Construction Experience | | | | |
|---|---|---|---|---|
| **Starting Month Year** | **Ending Month Year** | **Year** | **Contract Identification and Name and Address of Employer Brief Description of the Works Executed by the Bidder** | **Role of Bidder** |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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## Form EXP - 2(a): Specific Construction Experience

Fill up one (1) form per contract.

| **Contract of Similar Size and Nature** | | | |
|---|---|---|---|
| **Contract No…… of…..** | **Contract Identification** | | |
| **Award Date** | | **Completion Date** | |
| **Role in Contract** | ☐ **Contractor** | ☐ **Management Contractor** | ☐ **Subcontractor** |
| **Total Contract Amount** | ☐ **NRS ……..** | | |
| **If Partner in a JV or subcontractor, specify participation of total contract amount** | **Percent of Total** | **Amount** | |
| **Employer's Name**<br>**Address**<br>**Telephone/Fax**<br>**Number**<br>**E-mail** | | | |
| **Description of the similarity in accordance with Criteria 2.4.2 (a) of Section III** | | | |
| **Note :**<br>***The Employer should insert here contract size, complexity, methods, technology, or other characteristics as described in Section III (EQC), 2.4.2 (a) against which the bidder demonstrates similarity in the box on the right-hand-side.*** | | | |

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## Form EXP - 2(b): Specific Construction Experience in Key Activities

Fill up one (1) form per contract.

| **Contract of Similar Size and Nature** | | | |
|---|---|---|---|
| **Contract No…… of……..** | **Contract Identification** | | |
| **Award Date** | | **Completion Date** | |
| **Role in Contract** | 🗀 **Contractor** | 🗀 **Management Contractor** | 🗀 **Subcontractor** |
| **Total Contract Amount** | 🗀 **NRS ……..** | | |
| **If Partner in a JV or subcontractor, specify participation of total contract amount** | **Percent of Total** | **Amount** | |
| **Employer's Name**<br>**Address**<br>**Telephone/Fax**<br>**Number**<br>**E-mail** | | | |
| **Description of the similarity in accordance with Criteria 2.4.2 (a) of Section III** | | | |
| **Note :**<br>*The Employer should insert here production rate(s) for the key activity (activities) subject contract against which the bidder demonstrates in the box on the right-hand-side production rates achieved by him on previous contracts.* | | | |

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# Section V - Eligible Countries

*[This section contains the list of eligible countries. Select one option, either GoN Funded or DP Funded.]*

For GoN funded*: [with estimate up to NRs. 5 billion]*

For the purpose of ITB 4.2: "**Nepal"**; and

For the purpose of Country-of-Origin ITB 5.1 and GCC 79.2: **"all Countries"**

For DP funded: **NA**

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# Part II: REQUIREMENTS

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# Section VI: Works Requirements

This Section contains the Scope of Work, Specification, the Drawings, supplementary information that describe the Works to be procured, Personnel Requirements and Equipment Requirements.

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# Scope of Work

| S. No. | Description | Qty. | Unit | Remarks |
|---|---|---|---|---|
| 1 | Compound Wall | 1 | no. | |
| 2 | Office Building with Existing Structure Painting Works | 1 | no. | |
| 3 | Generator Shed | 1 | no. | |
| 4 | Valve Chamber (1m*1m) | 5 | no. | |
| 5 | Valve Chamber (1.5m*1.5m) | 10 | no. | |
| 6 | Valve Chamber (2m*2m) | 5 | no. | |
| 7 | Surface Valve Box | 260 | no. | |
| 8 | Air Valve Chamber | 10 | no. | |
| 9 | Crossing Works | 20 | no. | |
| 10 | Dismantling and Reinstatement of RCC Works | 100 | % | |
| 11 | Dismantling and Reinstatement of Blacktopped Pavement Works | 100 | % | |
| 12 | 30 cm dia. Hume Pipe NP3 with Laying and Joining for Pipe Crossing | 100 | % | |
| 13 | Electrification Works | 100 | % | |
| 14 | House Connection | 2000 | no. | |
| 15 | Installation of Fire Hydrant | 15 | no. | |
| 16 | HDPE PE Pipes Supply | 150.52 | km | |
| 17 | Procurement of Pipe, Valve Fittings | 100 | % | |
| 18 | Procurement of Tool and Plants | 100 | % | |
| 19 | Earthwork Excavation & Filling works for Pipeline | 150.52 | km | |
| 20 | Pipeline Laying & Jointing | 150.52 | km | |
| 21 | Other Accessories (Flow Meter, Filter Media and Others Works) | 100 | % | |

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# Specifications

## Notes on the Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Employer without qualifying or conditioning their Bids. The specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is encouraged by the Funding Agency in case of funding assisted projects. Most specifications are normally written specially by the Employer or Project Manager to suit the Contract Works in hand. The available standard specification of works of Ministry of Physical Infrastructure and Transport, DoLI and Other line Ministries can be adopted for respective civil construction works.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction; however, it may not necessarily be adequate to be used in a particular Works Contract and may necessitate preparation of Particular (Special) Specifications to amend and or supplement the provision of the General Specifications to meet the requirement of the particular Works.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards of Nepal or other standards, the specifications should state that goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable.

Employers should decide whether technical solutions to specified parts of the Works are to be permitted. Alternatives are appropriate in cases where obvious (and potentially less costly) alternatives are possible to the technical solutions indicated in the Procurement Documents for certain elements of the Works, taking into consideration the comparative specialized advantage of potential bidders. For example:

The Employer should provide a description of the selected parts of the Works with appropriate references to Drawings, Specifications, Bill of Quantities, and Design or Performance criteria, stating that the alternative solutions if applicable shall be at least structurally and functionally equivalent to the basic design parameters and specifications.

Such alternative solutions shall be accompanied by all information necessary for a complete evaluation by the Employer, including drawings, design calculations, technical specifications, breakdown of prices, proposed construction methodology, and other relevant details.

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**Sample Clause: Equivalency of Standards and Codes**

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be accepted subject to the Project Manager's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Project Manager at least 30 days prior to the date when the Contractor desires the Project Manager's consent. In the event the Project Manager determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These Notes for Preparing Specifications are intended only as information for the Employer or the person drafting the Procurement Documents. They should not be included in the final documents.

## [Attached Below]

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# Drawings

**Note:**

1. It is customary to bind the drawings in a separate volume, which is often larger than other volumes of the contract documents. The size will be dictated by the scale of the drawings, which must not be reduced to the extent that details are reduced illegible.

2. A simplified map showing the location of the Site in relation to the local geography, indicating major roads, posts, airports, and railroads, is helpful.

3. The construction drawings, even if not fully developed, must show sufficient details to enable bidders to understand the type and complexity of the work involved and the price the Bill of Quantities.

**[Attached Below]**

**And**

**"For remaining and detail drawings, please contact the office during working hours."**

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# Supplementary Information

**[Attached Below]**

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# Personnel Requirements

Using Form PER-1 and PER-2 in Section IV (Bidding Forms), the Bidder must demonstrate it has personnel that meet the following requirements:

| SN. | Position | Required No. | Academic Qualification [When position demands] | Total Work Experience [Years] | Experience in Similar Works [Years] |
|---|---|---|---|---|---|
| 1. | Project Manager | 1 | Bachelor's Degree in Civil Engineering or Equivalent | 8 | 5 |
| 2. | Site Engineer | 1 | Bachelor's Degree in Civil Engineering or Equivalent | 5 | 3 |
| 3. | Sub-Engineer | 2 | Diploma in Civil Engineering | 3 | 2 |

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# Equipment Requirements

Using Form EQU in Section IV (Bidding Forms), the Bidder must demonstrate it has the key equipment listed below:

| No. | Equipment Type and Characteristics | Min. Number Requirement |
|---|---|---|
| 1. | Excavator(Minimum 0.5 cum. Capacity) | 1 |
| 2. | Truck | 1 |
| 3. | Concrete Mixture | 2 |
| 4. | Concrete Vibrator | 4 |

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# Bill of Quantities

**[Attached Below]**

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# Part III: CONDITIONS OF CONTRACT AND CONTRACT FORMS

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# Section VIII: General Conditions of Contract

## Water Supply and Sewerage Management Office, Biratnagar

## Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

## Contract Identification No.- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt

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# General Conditions of Contract

This Section provides the General Conditions of Contract that will apply to the Contract for which the Biding document is issued.

| **A. General** | |
|---|---|
| 1. Definitions | 1.1 Boldface type is used to identify defined terms.<br>(a) The **Accepted Contract Amount** means the amount accepted in the Letter of Acceptance for the execution and completion of the Works and the remedying of any defects.<br>(b) The **Activity Schedule** is a schedule of the activities comprising the construction, installation, testing, and commissioning of the Works in a lump sum contract. It includes a lump sum price for each activity, which is used for valuations and for assessing the effects of Variations and Compensation Events.<br>(c) **Bill of Quantities** means the priced and completed Bill of Quantities forming part of the Bid.<br>(d) **Compensation Events** are those defined in GCC 50 hereunder.<br>(e) The **Completion Date** is the date of completion of the Works as certified by the Project Manager, in accordance with GCC 68.1.<br>(f) The **Contract** is the Contract between the Employer and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC 2.3 below.<br>(g) The **Contractor** is the party whose Bid to carry out the Works has been accepted by the Employer.<br>(h) The **Contractor's Bid** is the completed bidding document submitted by the Contractor to the Employer.<br>(i) The **Contract Price** is the Accepted Contract Amount stated in the Letter of Acceptance and thereafter as adjusted in accordance with the Contract.<br>(j) **Days** are calendar days; months are calendar-months.<br>(k) **Dayworks** are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.<br>(l) A **Defect** is any part of the Works not completed in accordance with the Contract.<br>(m) The **Defects Liability Certificate** is the certificate issued by Project Manager upon correction of defects by the Contractor.<br>(n) The **Defects Liability Period** is the period calculated from the Completion Date where the Contractor remains responsible for remedying defects.<br>(o) **Drawings** include calculations and other information provided or approved by the Project Manager for the execution of the Contract.<br>(p) The **Employer** is the party who employs the Contractor to carry out the Works, as **specified in the SCC**. |

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(q) **Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

(r) **Force Majeure** means an exceptional event or circumstance: which is beyond a Party's control; which such Party could not reasonably have provided against before entering into the Contract; which, having arisen, such Party could not reasonably have avoided or overcome; and, which is not substantially attributable to the other Party.

(s) The **Initial Contract Price** is the Contract Price listed in the Employer's Letter of Acceptance.

(t) **In writing** or **written** means hand written, type written, printed or electronically made, and resulting in permanent record.

(u) The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is **specified in the SCC**. The Intended Completion Date may be revised only by the Project Manager by issuing an extension of time or an acceleration order.

(v) **Letter of Acceptance** means the formal acceptance by the Employer of the Bid and denotes the formation of the contract at the date of acceptance.

(w) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.

(x) **Party** means the Employer or the Contractor, as the context requires.

(y) **SCC** means Special Conditions of Contract

(aa) **Plant** is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.

(bb) The **Project Manager** is the person **named in the SCC** (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract.

(cc) **Retention Money** means the aggregate of all monies retained by the Employer pursuant to GCC 54.1.

(dd) **Schedules** means the document(s) entitled schedules, completed by the Contractor and submitted with the Letter of Bids, as included in the Contract. Such document may include the Bill of Quantities, data, lists, and schedules of rates and/or prices.

(ee) The **Site** is the area defined as such in the SCC

(ff) **Site Investigation Reports** are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

(gg) **Specification** means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager.

(hh) The **Start Date** is given i**n the SCC**. It is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.

(ii) A **Subcontractor** is a person or corporate body who has a Contract with

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| | the Contractor to carry out a part of the work in the Contract, which includes work on the Site.<br>(jj) **Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.<br>(kk) A **Variation** is an instruction given by the Project Manager which varies the Works.<br>(ll) The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as **defined in the SCC**. |
| 2. Interpretation | 2.1 In interpreting these GCC, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Manager shall provide instructions clarifying queries about these GCC. |
| | 2.2 If sectional completion is **specified in the SCC**, references in the GCC to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works). |
| | 2.3 The documents forming the Contract shall be interpreted in the following order of priority:<br>(a) Contract Agreement,<br>(b) Letter of Acceptance,<br>(c) Letters of Technical Bid and Price Bid,<br>(d) Special Conditions of Contract,<br>(e) General Conditions of Contract,<br>(f) Specifications,<br>(g) Drawings,<br>(h) Bill of Quantities (or Schedules of Prices for lump sum contracts), and<br>(i) Any other document **listed in the SCC** as forming part of the Contract. |
| 3. Language and Law | 3.1 The language of the Contract and the law governing the Contract are **stated in the SCC**. |
| | 3.2. Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in the Employer's country when<br>(a) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Employer's Country prohibits any import of goods from, or any payments to, a particular country, person, or entity. Where the employer's country prohibits payments to a particular firm or for particular goods by such an act of compliance, that firm may be excluded. |
| 4. Contract Agreement | 4.1 The Parties shall enter into a Contract Agreement within 15 days after the Contractor receives the Letter of Acceptance, unless the Special Conditions establish otherwise. The Contract Agreement shall be based upon the attached Contract forms in Section X. |
| | 4.2 Without altering the basic nature or scope of work, the contract may be |



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| | amended upon mutual written consent as per prevailing Public Procurement Law. |
| 5. Assignment | 5.1 Neither Party shall assign the whole or any part of the Contract or any benefit or interest in or under the Contract. However, either Party<br>(a) may assign the whole or any part with the prior agreement of the other Party, at the sole discretion of such other Party; and<br>(b) may, as security in favor of a bank or financial institution, assign its right to any moneys due, or to become due, under the Contract. |
| 6. Care and Supply of Documents | 6.1 The Specification and Drawings shall be in the custody and care of the Employer. Unless otherwise stated in the Contract, one copy of the Contract and of each subsequent Drawing shall be supplied to the Contractor, who may make or request further copies at the cost of the Contractor. |
| | 6.2 Each of the Contractor's Documents shall be in the custody and care of the Contractor, unless and until taken over by the Employer. Unless otherwise stated in the Contract, the Contractor shall supply to the Engineer six copies of each of the Contractor's Documents. |
| | 6.3 The Contractor shall keep, on the Site, a copy of the Contract, publications named in the Specification, the Contractor's Documents (if any), the Drawings and Variations and other communications given under the Contract. The Employer's Personnel shall have the right of access to all these documents at all reasonable times. |
| | 6.4 If a Party becomes aware of an error or defect in a document which was prepared for use in executing the Works, the Party shall promptly give notice to the other Party of such error or defect. |
| 7. Confidential Details | 7.1 The Contractor's and the Employer's Personnel shall disclose all such confidential and other information as may be reasonably required in order to verify the Contractor's compliance with the Contract and allow its proper implementation. |
| | 7.2 Each of them shall treat the details of the Contract as private and confidential, except to the extent necessary to carry out their respective obligations under the Contract or to comply with applicable Laws. Each of them shall not publish or disclose any particulars of the Works prepared by the other Party without the previous agreement of the other Party. However, the Contractor shall be permitted to disclose any publicly available information, or information otherwise required to establish his qualifications to compete for other projects. |
| | 7.3 Notwithstanding the above, the Contractor may furnish to its Subcontractor(s) such documents, data and other information it receives from the Employer to the extent required for the Subcontractor(s) to perform its work under the Contract, in which event the Contractor shall obtain from such Subcontractor(s) an undertaking of confidentiality similar to that imposed on the Contractor under this Clause. |
| 8. Compliance with Laws | 8.1 The Contractor shall, in performing the Contract, comply with applicable Laws of Nepal. |
| 9. Joint and | 9.1 If the Contractor is a joint venture of two or more entities, all such entities |



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| Several Liability | shall be jointly and severally liable to the Employer for the fulfillment of the provisions of the Contract, and shall designate one of such persons to act as a leader with authority to bind the joint venture. The contractor shall not handover the responsibility of the contract to any one member or some members of Joint Venture or any other parties, not involved in the contract. The composition or the constitution of the joint venture shall not be altered without the prior consent of the Employer. |
| 10. Project Manager's Decisions | 10.1 Except where otherwise specifically stated, the Project Manager shall decide contractual matters between the Employer and the Contractor in the role representing the Employer. |
| 11. Delegation | 11.1 The Project Manager may delegate any of his duties and responsibilities to other people after notifying the Contractor, and may cancel any delegation after notifying the Contractor. |
| 12. Communications | 12.1 Communications between parties that are referred to in the Conditions shall be effective only when in writing. Wherever these Conditions provide for the giving or issuing of approvals, certificates, consents, determinations, notices and requests, these communications shall be:<br>(a) in writing and delivered by hand (against receipt), sent by mail or courier, or transmitted using any of the agreed systems of electronic transmission as **stated in the SCC**; and<br>(b) delivered, sent or transmitted to the address for the recipient's communications as stated in the Contract. However:<br>(i) if the recipient gives notice of another address, communications shall thereafter be delivered accordingly; and<br>(ii) if the recipient has not stated otherwise when requesting an approval or consent, it may be sent to the address from which the request was issued.<br>Approvals, certificates, consents and determinations shall not be unreasonably withheld or delayed. |
| | 12.2 A Notice shall be effective when delivered or on the Notice's effective date, whichever is later. |
| 13. Subcontracting | 13.1<br>**For GON Funded:** A list of approved Subcontractors including its value/works is included as Article 2 (k) of Contract Agreement Approval by the Employer for any of the Subcontractors shall not relieve the Contractor from any of its obligations, duties, or responsibilities under the contract.<br><br>**For DP Funded:** The Contractor may subcontract with the approval of the Project Manager, but may not assign the Contract without the approval of the Employer in writing. Subcontracting shall not alter the Contractor's obligations. Bidders may propose subcontracting up to the percentage of total value of contracts as specified in the SCC. The Sub contractor shall meet the qualification requirement as specified **in SCC.** |

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| | 13.2 The contractor shall give prior notice to the Employer clearly specifying the nature, scope, and responsibilities of the work to be performed, to engage other subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities during the implementation of the contract.<br><br>13.3 Before notifying the Employer as per GCC 13.2, the contractor shall enter into a written agreement with the subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities clearly specifying the scope of work, responsibilities, quality requirements, duration, payment terms, security, labor-related obligations, and conditions relating to performance of the work.<br><br>13.4 Any subcontracting arrangement made in accordance with GCC 13.2 shall not relieve the Contractor of any of its obligations or liabilities under the Contract.<br><br>13.5 The contractor shall provide the Employer with details of the payments made to the subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities engaged under GCC 13.1 and/or GCC 13.2.<br><br>13.6 If the contractor is found not to have made payment to the subcontractor, material suppliers, equipment suppliers, service providers, or other persons or entities engaged under GCC 13.1 and/or GCC 13.2 in accordance with the terms of the agreement, the Employer may determine the amount payable to such subcontractor, material suppliers, equipment suppliers, service providers, or other persons or entities and make payment to them from any remaining dues to be paid to the contractor, retention money, or forfeited performance security. |
| 14. Other Contractors | 14.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of Other Contractors, **as referred to in the SCC**. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification |
| 15 Personnel and Equipment | 15.1 The Contractor shall employ the key personnel and use the equipment identified in its Bid to carry out the Works, or other personnel and equipment approved by the Project Manager. The Project Manager shall approve any proposed replacement of key personnel and equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the Bid. |
| | 15.2 If the Project Manager asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract. |
| | 15.3 If the Employer, Project Manager, or Contractor determines, that any employee of the Contractor be determined to have engaged in corrupt, fraudulent, collusive, coercive, or other prohibited practices during the execution of the Works, then that employee shall be removed in accordance with Clause 15.2 above. |
| 16. Employer's and | 16.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are |

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| Contractor's Risk | Contractor's risks. |
| 17. Employer's Risks | 17.1 From the Start Date until the Defects Liability Certificate has been issued, the following are Employer's risks:<br>(a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to<br>(i) use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works or<br>(ii) negligence, breach of statutory duty, or interference with any legal right by the Employer or by any person employed by or contracted to him except the Contractor.<br>(b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Employer or in the Employer's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed. |
| | 17.2 From the Completion Date until the Defects Liability Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is an Employer's risk except loss or damage due to<br>(a) a Defect which existed on the Completion Date,<br>(b) an event occurring before the Completion Date, which was not itself an Employer's risk, or<br>(c) the activities of the Contractor on the Site after the Completion Date. |
| 18. Contractor's Risks | 18.1 From the Starting Date until the Defects Liability Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risks are Contractor's risks. |
| 19. Insurance | 19.1 The Contractor shall provide insurance in the joint names of the Employer and the Contractor from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles **stated in the SCC** for the following events which are due to the Contractor's risks:<br>(a) loss of or damage to the Works, Plant, and Materials;<br>(b) loss of or damage to Equipment;<br>(c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and<br>(d) Personal injury or death. |
| | 19.2 Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval before the Start Date. All such insurance shall provide for compensation to be payable in the proportions of Nepalese Rupees required to rectify the loss or damage incurred. |
| | 19.3 If the Contractor does not provide any of the policies and certificates required, the Employer may affect the insurance which the Contractor should have provided and recover the premiums the Employer has paid |



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| | from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due. |
| | 19.4 Alterations to the terms of insurance shall not be made without the approval of the Project Manager. |
| | 19.5 Both parties shall comply with any conditions of the insurance policies. |
| 20. Site Investigation Reports | 20.1 The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to **in the SCC**, supplemented by any information available to the Contractor. |
| 21. Contractor to Construct the Works | 21.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings. |
| 22. The Works to Be Completed within intended Completion Date | 22.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them within the intended Completion Date. |
| 23. Design by contractor and Approval by the Project Manager | 23.1 The contractor shall be responsible for the design of permanent works as **specified in SCC**. |
| | 23.2 Contractor shall be responsible for design of the Temporary Works. The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, for his approval. |
| | 23.3 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, shall be subject to prior approval by the Project Manager before their use. |
| | 23.4 The Project Manager's approval shall not alter the Contractor's responsibility for design of temporary works. |
| 24. Safety, Security and Protection of the Environment | 24.1 The Contractor shall, throughout the execution, and completion of the works and remedying of any defects therein:<br>a. Have full regard for the safety of all persons entitled to be upon the site and keep the site (so as the same is under his control) and the works (so far as the same are not completed or occupied by the Employer) in an orderly state appropriate to the avoidance of danger to such persons.<br>b. Provide and maintain at his own cost all lights, guards, fencing, warning signs and watching, when necessary or required by the Project Manager or by any duly constituted authority, for the protection of the Works of for the safety and convenience of the public or others.<br>c. Take all reasonable steps to protect the environment on and off the site and to avoid damage or nuisance to persons<br>or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation.<br>d. Ensure that any cut or fill slopes are planted in grass or other plant cover as |

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| | soon as possible to protect them from erosion.<br>e. Any spoil or material removed from drains shall be disposed of to designated stable tipping areas as directed by the Project Manager.<br>f. Shall not use fuel wood as a means of heating during the processing or preparation of any materials forming part of the works.<br>g. The Project Manager shall have the power to disallow any working practice or activity of the Contractor or direct that such practices or activities be modified should the Project Manager consider, on the advice of the relevant Government Departments, that the practices or activities will be harmful to wildlife.<br>h. Provide on the Site such lifesaving apparatus as may be appropriate and an adequate and easily accessible first aid outfit or such outfits as may be required by any government ordinance, factory act, etc., subsequently published and amended from time to time. |
| | 24.2 The Contractor shall comply with the Employer's Occupational Health and Safety (OHS) Policy, Guideline and/or Operating Manual, if any, **as specified in the SCC.** |
| 25. Discoveries | 25.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the employer. The Contractor shall notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them. |
| 26. Possession of the Site | 26.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date **stated in the SCC**, the Employer shall be deemed to have delayed the start of the relevant activities, and this shall be a Compensation Event. |
| 27. Access to the Site | 27.1 The Contractor shall allow the Project Manager and any person authorized by the Project Manager access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out. |
| 28. Instructions, Inspections and Audits | 28.1 The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located. |
| | 28.2 The Contractor shall keep, and shall make all reasonable efforts to cause its Subcontractors and sub consultants to keep accurate and systematic accounts and records in respect of the Works in such form and details as will clearly identify relevant time changes and costs. |
| | 28.3 The Contractor shall permit the GoN/DP and/or persons appointed by the GoN/DP to inspect the Site and/or the accounts and records of the Contractor and its sub-contractors relating to the performance of the Contract, and to have such accounts and records audited by auditors appointed by the GoN/DP if required by the GoN/DP. The Contractor's attention is drawn to Sub-Clause 73.2 which provides, inter alia, that acts intended to materially impede the exercise of the GoN's/DP's inspection and audit rights provided for under this Sub-Clause constitute a obstructive practice subject to contract termination. |
| 29. Dispute Settlement | 29.1 The Employer and the Contractor shall attempt to settle amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the Contract. |
| | 29.2 Any dispute between the Parties as to matters arising pursuant to this Contract which cannot be settled amicably within thirty (30) days after |



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| | receipt by one Party of the other Party 's request for such amicable settlement may be referred to Arbitration within 30 days after the expiration of amicable settlement period. |
| 30. Procedures for Disputes | 30.1 In case of arbitration, the arbitration shall be conducted in accordance with the arbitration procedures in accordance with law of Nepal at the place within the territory of Nepal **given in the SCC**. |
| **B1. Staff and Labor** | |
| 31. Forced Labor | 31.1 The Contractor shall not employ forced labor, which consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty. This covers any kind of involuntary or compulsory labor, such as indentured labor, bonded labor, or similar labor–contracting arrangements. |
| 32. Child Labor | 32.1 The Contractor shall not employ children in a manner that is economically exploitative, or is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development. Where national laws have provisions for employment of minors, the Contractor shall follow those laws applicable to the Contractor. Children below the age of 18 years shall not be employed in dangerous work. |
| 33.Non-discrimination and Equal Opportunity | 33.1 The Contractor shall not make employment decisions on the basis of personal characteristics unrelated to inherent job requirements. The Contractor shall base the employment relationship on the principle of equal opportunity and fair treatment, and shall not discriminate with respect to aspects of the employment relationship, including recruitment and hiring, compensation (including wages and benefits), working conditions and terms of employment, access to training, promotion, termination of employment or retirement, and discipline. In countries where national law provides for non-discrimination in employment, the Contractor shall comply with national law. When national laws are silent on nondiscrimination in employment, the Contractor shall meet this Sub clause's requirements. Special measures of protection or assistance to remedy past discrimination or selection for a particular job based on the inherent requirements of the job shall not be deemed discrimination. |
| **B. Time Control** | |
| 34. Program | 34.1 Within the time **stated in the SCC**, after the date of the Letter of Acceptance, the Contractor shall submit to the Project Manager for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works. In the case of a lump sum contract, the activities in the Program shall be consistent with those in the Activity Schedule. |
| | 34.2 An update of the Program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities. |
| | 34.3 The Contractor shall submit to the Project Manager for approval an updated Program at intervals no longer than the period **stated in the SCC**. If the Contractor does not submit an updated Program within this period, the Project Manager may withhold the amount **stated in the SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted. In |

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| | the case of a lump sum contract, the Contractor shall Provide an updated Activity Schedule within 15 days of being instructed to by the Project Manager. |
| | 34.4 The Project Manager's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Manager again at any time. A revised Program shall show the effect of Variations and Compensation Events. |
| 35. Extension of the Intended Completion Date | 35.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost. |
| | 35.2 The Project Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information at least 21 days prior to the intended completion date. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date. Along with full supporting information, the contractor shall also submit a revised work schedule and ensure that the Performance Security, Insurance, and Advance Payment Security (if any) remain valid.<br>The contractor shall submit Performance Security, Advanced Payment Guarantee (if any) and Insurance Policy documents, as required with extended validity, within fifteen (15) days of receiving the Letter of Extension of Intended Completion Date from the Employer. |
| | 35.3 If the contractor fails to submit Performance Security, Advanced Payment Guarantee (if any) and Insurance Policy documents, as required with extended validity within the prescribed time as per GCC 35.2, the Contractor shall pay a fine at the rate of 0.01% of the final contract price (without VAT but including PS) per day for a maximum of fifteen (15) days. The Employer may deduct the fine from payments due to the Contractor. |
| 36. Acceleration | 36.1 When the Employer wants the Contractor to finish before the Intended Completion Date, the Project Manager shall obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Employer accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Employer and the Contractor. |
| | 36.2 If the Contractor's priced proposals for acceleration are accepted by the Employer, they are incorporated in the Contract Price and treated as a Variation. |
| 37. Delays Ordered by the Project Manager | 37.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works. |
| 38. Management Meetings | 38.1 Either the Project Manager or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure. |
| | 38.2 The Project Manager shall record the business of management meetings and provide copies of the record to those attending the meeting and to the |

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| | Employer. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting. |
| 39. Early Warning | 39.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works. The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible. |
| | 39.2 The Contractor shall cooperate with the Project Manager in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Project Manager. |
| **C. Quality Control** | |
| 40.Identifying Defects | 40.1 The Project Manager shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Project Manager may instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect. |
| 41. Tests | 41.1 If the Project Manager instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event. |
| 42. Correction of Defects | 42.1 The Project Manager shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at_issuance of taking over certificate pursuant to GCC clause 69.2, and is **defined in the SCC**. The Defects Liability Period shall be extended for as long as Defects remain to be corrected. |
| | 42.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Project Manager's notice. |
| 43.Uncorrected Defects | 43.1 If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount. |
| **D. Cost Control** | |
| 44. Contract Price | 44.1 In the case of a Unit Rate contract, the Bill of Quantities shall contain priced items for the Works to be performed by the Contractor. The Bill of Quantities is used to calculate the Contract Price. The Contractor will be paid for the quantity of the work accomplished at the rate in the Bill of Quantities for each item. |
| | 44.2 In the case of a lump sum contract, the Activity Schedule shall contain the priced activities for the Works to be performed by the Contractor. The Activity Schedule is used to monitor and control the performance of activities on which basis the Contractor will be paid. If payment for Materials on Site |

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| | shall be made separately, the Contractor shall show delivery of Materials to the Site separately on the Activity Schedule. |
| 45. Changes in the Contract Price | 45.1 In the case of a Unit Rate contract:<br>(a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 2 percent of the Initial Contract Price, the Project Manager shall adjust the rate to allow for the change.<br>(b) If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities. |
| | 45.2 In the case of a lump sum contract, the Activity Schedule shall be amended by the Contractor to accommodate changes of Program or method of working made at the Contractor's own discretion. Prices in the Activity Schedule shall not be altered when the Contractor makes such changes to the Activity Schedule. |
| 46. Variations | 46.1 All Variations shall be included in updated Programs, and, in the case of a lump sum contract, also in the Activity Schedule, produced by the Contractor. |
| | 46.2 The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the quotation, which shall be given within seven (7) days of the request or within any longer period stated by the Project Manager and before the Variation is ordered. |
| | 46.3 If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall be based on the Project Manager's own forecast of the effects of the Variation on the Contractor's costs. |
| | 46.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event. |
| | 46.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning. |
| | 46.6 In the case of a Unit Rate contract, if the work in the Variation corresponds to an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work above the limit stated in **GCC 45.1** or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work. |
| 47. Cash Flow Forecasts | 47.1 When the Program, or, in the case of a lump sum contract, the Activity Schedule, is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast. |
| 48. Payment Certificates | 48.1 The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified |



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| | previously. |
| | 48.2 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor within 30 days of submission by contractor. |
| | 48.3 The value of work executed shall be determined by the Project Manager. |
| | 48.4 The value of work executed shall comprise:<br>(a) In the case of a Unit Rate contract, the value of the quantities of work in the Bill of Quantities that have been completed; or<br>(b) In the case of a lump sum contract, the value of work executed shall comprise the value of completed activities in the Activity Schedule. |
| | 48.5 The value of work executed shall include the valuation of Variations and Compensation Events. |
| | 48.6 The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information. |
| 49. Payments | 49.1 Payments shall be adjusted for deductions for advance payments and retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 30 days of the date of each certificate. If the Employer makes a late payment, the Contractor shall be paid interest as **indicated in the SCC** on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made. |
| | 49.2 If an amount certified is increased in a later certificate or as a result of an award by an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute. |
| | 49.3 Items of the Works for which no rate or price has been entered in BOQ shall not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract. |
| 50. Compensation Events | 50.1 The following shall be Compensation Events:<br>(a) The Employer does not give access to a part of the Site by the Site Possession Date pursuant to GCC 26.1.<br>(b) The Employer modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract.<br>(c) The Project Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.<br>(d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.<br>(e) The Project Manager unreasonably does not approve a subcontract to |

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| | be let.<br>(f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to bidders (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site.<br>(g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.<br>(h) Other contractors, public authorities, utilities, or the Employer does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.<br>(i) The advance payment is delayed.<br>(j) The effects on the Contractor of any of the Employer's Risks.<br>(k) The Project Manager unreasonably delays issuing a Certificate of Completion. |
| | 50.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Project Manager shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended. |
| | 50.3 As soon as information demonstrating effect of each Compensation Event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Manager, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager shall adjust the Contract Price based on the Project Manager's own forecast. The Project Manager shall assume that the Contractor shall react competently and promptly to the event. |
| | 50.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor's not having given early warning or not having cooperated with the Project Manager. |
| 51. Tax | 51.1 The Project Manager shall adjust the Contract Price if taxes, duties, and other levies are changed between the date 30 days before the submission of bids for the Contract and the date of the last Completion certificate. The adjustment shall be the change in the amount of tax payable by the Contractor, provided such changes are not already reflected in the Contract Price or are a result of GCC 53. |
| 52. Currency | 52.1 The currency of Contracts shall be Nepalese Rupees. |
| 53. Price Adjustment | 53.1 Prices shall be adjusted for fluctuations in the cost of inputs only if provided for **in the SCC**. If so provided, the amounts certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amounts due. |

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53.2 Adjustment Formulae[10]: The formulae will be of the following general type:

$$pn = A + b\frac{Ln}{Lo} + c\frac{Mn}{Mo} + d\frac{En}{Eo} + etc.$$

Where:

*pn* is a price adjustment factor to be applied to the amount for the payment of the work carried out in the subject month, determined in accordance with Clause 49;

*A* is a constant, specified in the Bidding Forms- Table of Price Adjustment data, representing the nonadjustable portion in contractual payments;[11]b, c, d, etc., coefficients representing the estimated proportion of each cost element (labor, materials, equipment usage, etc.) in the Works or sections thereof, net of Provisional Sums, **as specified in the SCC;**

*Ln, Mn, En,* etc., are the current cost indices or reference prices of the cost elements for month "n," determined pursuant to Sub-Clause 53.4, applicable to each cost element; and

*Lo, Mo, Eo,* etc., are the base cost indices or reference prices corresponding to the above cost elements at the date specified in Sub-Clause 53.4.

53.3 Sources of Indices and Weightings: The sources of indices shall be those listed in the Bidding Forms- Table of Price Adjustment data, as approved by the Project Manager and stated in SCC. Indices shall be appropriate for their purpose and shall relate to the Contractor's proposed source of supply of inputs on the basis of which his Contract shall have been computed. As the proposed basis for price adjustment, the Contractor shall have submitted with his bid the tabulation of Weightings and Source of Indices in the Bidding Forms, which shall be subject to approval by the Project Manager.

53.4 Base, Current and Provisional Indices: The base cost indices or prices shall be those prevailing on the day 30 days prior to the latest date for submission of bids. Current indices or prices shall be those prevailing on the day 30 days prior to the last day of the period to which a particular Interim Payment Certificate is related. If at any time the current indices are not available, provisional indices as determined by the Project Manager will be used, subject to subsequent correction of the amounts paid to the Contractor when the current indices become available.

53.5 Weightings: The weightings for each of the factors of cost given in the Bidding Forms shall be adjusted if, in the opinion of the Project Manager, they have been rendered unreasonable, unbalanced or inapplicable as a result of varied or additional work already executed or instructed under Clause 46 or for any other reason.

53.6 Where, price adjustment provision is not applicable pursuant to Sub-clause

[10] For complex Works involving several types of construction work with different inputs, a family of Formulae will be necessary. The various items of Day work may also require different formulae, depending on the nature and source of the inputs

[11] Insert a figure for factor A only where there is a part of the Contractors' expenditures which will not be subject to fluctuation in cost or to compensate for the unreliability of some indices. A should normally be 0.15. The sum of A, b, c, d, etc., should be one.

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| | 53.1 then the Contract is subject to price adjustment only for construction material in accordance with this clause. If the prices of the construction materials stated in the contract is increased or decreased in an unexpected manner in excess of ten (10%) percent in comparison to the base price construction material stated in Section –IV, Bidding Forms-Table of Price Adjustment Data, then the price adjustment for the increase or decrease of price of the construction material beyond 10% shall be made by applying the following formulas:<br>For unexpected increase in price<br>$P = [R_1 - (R_0 \times 1.10)] \times Q$<br>For unexpected decrease in price P<br>$= [R_1 - (R_0 \times 0.90)] \times Q$<br>Where:<br>"P" is price adjustment amount<br>"$R_1$" is the present price of the construction material (Source of indices shall be those listed in the Bidding forms)<br>"$R_0$" is the base price of the construction material<br>"Q" is quantity of the construction material consumed in construction during the period of price adjustment consideration If the Base price and source is to be proposed by the Bidder as per the provision made in Section –IV, Bidding Forms-Table of Price Adjustment Data then the Base price and source filled by Bidder for the construction material stated in the Bidding Form shall be subject to the approval of the Project manager and shall be as **stated in SCC**. |
| | 53.7 The Price Adjustment amount shall be limited to a maximum of the initial Contract Amount **as specified in the SCC**. |
| | 53.8 The Price Adjustment provision shall not be applicable for delayed period if the contract is not completed in time due to the delay caused by the contractor or the contract is a Lump sum Contract. |
| 54. Retention | 54.1 The Employer shall retain from each payment due to the Contractor the proportion **stated in the SCC** until Completion of the whole of the Works. |
| | 54.2 Upon the issue of a Defects Liability Certificate by the Project Manager, **in accordance with GCC** 70.1, half the total amount retained shall be repaid to the Contractor and half when the Contractor has submitted the evidence of submission of tax return to the concerned Internal Revenue Office. |
| | 54.3 The Contractor may substitute retention money with an unconditional bank guarantee issued from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law if:<br>(a) at least eighty (80) percent of the whole works have been completed,<br>(b) progress of the works is satisfactory in accordance with the Contract as per approved work schedule, and<br>(c) it can be assured that the works can be completed at the intended |

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| | completion date.<br><br>The validity of the bank guarantee under this sub-clause shall be at least 30 days beyond the end of Defect Liability Period. |
| | 54.4 If retention money is substituted by bank guarantee in accordance with clause 54.3, the bank guarantee shall be submitted either using the Retention Money Security Form included in Section X (Contract Forms) or in another Form acceptable to the employer. The validity of the bank guarantee shall be at least one month more than the end of defect liability period. |
| 55. Liquidated Damages | 55.1 The Contractor shall pay liquidated damages to the Employer at the rate per day **stated in the SCC** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount **defined in the SCC**. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities. |
| | 55.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in GCC 49. |
| 56. Bonus | 56.1 The Contractor shall be paid a Bonus calculated at the rate per calendar day **stated in the SCC** for each day (less any days for which the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Project Manager shall certify that the Works are complete, although they may not be due to be complete. |
| 57. Advance Payment | 57.1 Unless otherwise **stated in SCC,** the Employer shall make advance payment to the Contractor of the amounts stated in the SCC in a separate bank account maintained for the contract in two equal installments by the date **stated in the SCC**, against provision by the Contractor of an unconditional bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal in a form acceptable to the Employer in amounts equal to the advance payment. The guarantee shall remain effective until the advance payment has been repaid, but the amount of the guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest shall not be charged on the advance payment.<br><br>The validity of the bank guarantee under this sub-clause shall be at least 30 days beyond the end of intended completion date.<br><br>The contractor shall submit the list of activities for which the Advance Payment for mobilization is to be used along with their time schedules. |
| | 57.2 The Contractor is to use the advance payment only to pay for the purpose of construction site preparation, establishment of temporary camp facilities, construction of workers' housing, mobilization of labors, materials or equipment etc. required specifically for execution of the Contract. The Contractor shall demonstrate that advance payment has been |

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| | used in this way by supplying copies of invoices or other documents to the Project Manager. |
| | 57.3 The advance payment shall be repaid by deducting proportionate amounts, **as stated in SCC**, from payments otherwise due Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages. |
| | 57.4 If the advance provided under GCC 57.1 is not repaid due to non-performance of the works under the contract, by the Contractor within the time period specified in the Contract, the Employer shall recover the advance by enforcing the bank guarantee as provided under GCC 57.1, and shall also recover interest on the advance amount from the Contractor at a rate **stated in SCC.** |
| 58. Securities | 58.1 The Performance Security, including any additional security required as per ITB 35.5, shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount **specified in the SCC,** by a Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal in accordance with the conditions of Contract using Sample Form for the Performance Security included in Section X (Contract Forms), or another form acceptable to the Employer, and denominated in Nepalese Rupees. The Performance Security shall be valid until a date 30 days beyond the end of the Defect Liability Period.<br><br>However, any additional performance security required as per ITB 35.5 shall be valid until a date 30 days beyond the end of the intended completion date. |
| | 58.2 The performance security issued by any foreign Bank outside Nepal must be counter guaranteed by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal. |
| 59. Dayworks | 59.1 If applicable, the Dayworks rates in the Contractor's Bid shall be used for small additional amounts of work only when the Project Manager has given written instructions in advance for additional work to be paid for in that way. |
| | 59.2 All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the work being done. |
| | 59.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms. |
| 60. Cost of Repairs | 60.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions. |
| **F. Force Majeure** | |
| 61. Definition of Force Majeure | 61.1 In this Clause, "Force Majeure" means an exceptional event or circumstance,<br>(a) which is beyond a Party's control;<br>(b) which such Party could not reasonably have provided against before |



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| | entering into the Contract;<br>(c) which, having arisen, such Party could not reasonably have avoided or overcome; and<br>(d) which is not substantially attributable to the other Party. |
| | 61.2 Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind listed below, so long as conditions (a) to (d) above are satisfied:<br>(a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies;<br>(b) rebellion, terrorism, sabotage by persons other than the Contractor's Personnel, revolution, insurrection, military or usurped power, or civil war;<br>(c) riot, commotion, disorder, strike or lockout by persons other than the Contractor's Personnel;<br>(d) munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity; and<br>(e) natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity. |
| 62. Notice of Force Majeure | 62.1 If a Party is or will be prevented from performing its substantial obligations under the Contract by Force Majeure, then it shall give notice to the other Party of the event or circumstances constituting the Force Majeure and shall specify the obligations, the performance of which is or will be prevented. The notice shall be given within 14 days after the Party became aware, or should have become aware, of the relevant event or circumstance constituting Force Majeure. |
| | 62.2 The Party shall, having given notice, be excused performance of its obligations for so long as such Force Majeure prevents it from performing them. |
| | 62.3 Notwithstanding any other provision of this Clause, Force Majeure shall not apply to obligations of either Party to make payments to the other Party under the Contract. |
| 63. Duty to Minimize Delay | 63.1 Each Party shall at all times use all reasonable endeavors to minimize any delay in the performance of the Contract as a result of Force Majeure. |
| | 63.2 A Party shall give notice to the other Party when it ceases to be affected by the Force Majeure. |
| 64. Consequences of Force Majeure | 64.1 If the Contractor is prevented from performing its substantial obligations under the Contract by Force Majeure of which notice has been given under GCC 62, and suffers delay and/or incurs Cost by reason of such Force Majeure, the Contractor shall be entitled subject to GCC 30 to |

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| | (a) an extension of time for any such delay, if completion is or will be delayed, under GCC35; and<br>(b) if the event or circumstance is of the kind described in sub-paragraphs (a) to (d) of GCC 61.2 and, in the case of subparagraphs (b) to (d), occurs in the Country, payment of any such Cost, including the costs of rectifying or replacing the Works and/or Goods damaged or destructed by Force Majeure, to the extent they are not indemnified through the insurance policy referred to in GCC 19. |
| | 64.2 After receiving this notice, the Project Manager shall proceed in accordance with GCC 10 to agree or determine these matters. |
| 65. Force Majeure Affecting Subcontractor | 65.1 If any Subcontractor is entitled under any contract or agreement relating to the Works to relief from force majeure on terms additional to or broader than those specified in this Clause, such additional or broader force majeure events or circumstances shall not excuse the Contractor's nonperformance or entitle him to relief under this Clause. |
| 66. Optional Termination, Payment and Release | 66.1 If the execution of substantially all the Works in progress is prevented for a continuous period of 90 days by reason of Force Majeure of which notice has been given under GCC 62, or for multiple periods which total more than 150 days due to the same notified Force Majeure, then either Party may give to the other Party a notice of termination of the Contract. In this event, the termination shall take effect 7 days after the notice is given, and the Contractor shall proceed in accordance with GCC 72.5. |
| | 66.2 Upon such termination, the Project Manager shall determine the value of the work done and issue a Payment Certificate, which shall include<br>(a) the amounts payable for any work carried out for which a price is stated in the Contract;<br>(b) the Cost of Plant and Materials ordered for the Works which have been delivered to the Contractor, or of which the Contractor is liable to accept delivery: this Plant and Materials shall become the property of (and be at the risk of) the Employer when paid for by the Employer, and the Contractor shall place the same at the Employer's disposal;<br>(c) other Costs or liabilities which in the circumstances were reasonably and necessarily incurred by the Contractor in the expectation of completing the Works;<br>(d) the Cost of removal of Temporary Works and Contractor's Equipment from the Site and the return of these items to the Contractor's works in his country (or to any other destination at no greater cost); and<br>(e) the Cost of repatriation of the Contractor's staff and labor employed wholly in connection with the Works at the date of termination. |
| 67. Release from Performance | 67.1 Notwithstanding any other provision of this Clause, if any event or circumstance outside the control of the Parties (including, but not limited to, Force Majeure) arises, which makes it impossible or unlawful for either or both Parties to fulfill its or their contractual obligations or which, under |



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| | the law governing the Contract, entitles the Parties to be released from further performance of the Contract, then upon notice by either Party to the other Party of such event or circumstance,<br>(a) the Parties shall be discharged from further performance, without prejudice to the rights of either Party in respect of any previous breach of the Contract; and<br>(b) the sum payable by the Employer to the Contractor shall be the same as would have been payable under GCC 66 if the Contract had been terminated under GCC 66. |
| **G. Finishing the Contract** | |
| 68. Completion | 68.1 The Contractor shall request the Project Manager to issue a certificate of Completion of the Works, and the Project Manager shall do so upon deciding that the work is completed. |
| | 68.2 In addition to the other provisions, before acceptance of the completed works, Employer shall verify and assure that such works are within the set objective, quality and appropriate to operate and use. |
| 69. Taking Over | 69.1 In the contractor's Opinion, if the works are complete and ready for taking over, the contractor may apply by notice to the Project Manager for a Taking-Over Certificate. If the Works are divided into Sections, the Contractor may similarly apply for a Taking-Over Certificate for each Section.<br>69.2 The Project Manager shall, within 30 days after receiving the Contractor's application:<br>(a) issue the Taking-Over Certificate to the Contractor if physical progress of works is at least ninety (90) percent in accordance with the Contract except for any minor outstanding work and defects (as listed in the Taking-Over Certificate) which will not substantially affect the use of the Works or Section for their intended purpose (either until or whilst this work is completed and these defects are remedied); or<br>(b) reject the application, giving reasons and specifying the work required to be done by the Contractor to enable the Taking-Over Certificate to be issued. The Contractor shall then complete this work before issuing a further notice under this Sub-Clause.<br>69.3 If the Engineer fails either to issue the Taking-Over Certificate or to reject the Contractor's application within the period of 30 days, and if the Works or Section (as the case may be) are substantially completed in accordance with the Contract, the Taking-Over Certificate shall be deemed to have been issued on the last day of that period. |
| 70. Final Account | 70.1 The Contractor shall supply the Project Manager with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Manager shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 60 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 60 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Manager shall decide on the amount payable to the Contractor and issue a payment certificate. |
| 71. Operating | 71.1 If "as built" Drawings and/or operating and maintenance manuals are required, |

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| and Maintenance Manuals | the Contractor shall supply them by the **dates stated in the SCC**. |
| | 71.2 If the Contractor does not supply the Drawings and/or manuals by the dates **stated in the SCC** pursuant to **GCC 71.1,** or they do not receive the Project Manager's approval, the Project Manager shall withhold the amount **stated in the SCC** from payments due to the Contractor. |
| 72. Termination | 72.1 The Employer may terminate the Contract at any time if the contractor;<br>a. does not commence the work as per the Contract,<br>b. abandons the work without completing,<br>c. fails to achieve progress as per the Contract. |
| | 72.2 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract. |
| | 72.3 Fundamental breaches of Contract shall include, but shall not be limited to, the following:<br>a. the Contractor uses the advance payment for matters other than the contractual obligations,<br>b. the Contractor stops work for 30 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Project Manager;<br>c. the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 30 days;<br>d. the Employer or the Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation.<br>e. a payment certified by the Project Manager is not paid by the Employer to the Contractor within 90 days of the date of the Project Manager's certificate;<br>f. the Project Manager gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Project Manager;<br>g. the Project Manager gives two consecutive Notices to update the Program and accelerate the works to ensure compliance with GCC Sub clause 22.1 and the Contractor fails to update the Program and demonstrate acceleration of the works within a reasonable period of time determined by the Project Manager;<br>h. the Contractor does not maintain a Security, which is required;<br>i. the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, **as defined in the SCC**; and<br>j. If the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in executing the Contract, pursuant to GCC 73.1.<br>k. If the Contractor fails to submit Performance Security, Advanced Payment Guarantee (if any) and Insurance Policy documents even after the time period indicated in GCC 35.3. |
| | 72.4 When either party to the Contract gives notice of a breach of Contract to the Project Manager for a cause other than those listed under GCC 72.3 above, the Project Manager shall decide whether the breach is fundamental or not. |
| | 72.5 Notwithstanding the above, the Employer may terminate the Contract for |

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| | convenience. |
| | 72.6 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible. |
| 73. Fraud and Corruption | 73.1 If the Employer determines that the Contractor has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Employer may, after giving 15 days' notice to the Contractor, terminate the Contractor's employment under the Contract and expel him from the Site. |
| | 73.2 Should any employee of the Contractor be determined to have engaged in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Works, then that employee shall be removed in accordance with GCC Clause 15.<br>For the purposes of this GCC 73;<br>(i) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party.<br>(ii) "fraudulent practice"[5] is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;<br>(iii) "collusive practice"[6] is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;<br>(iv) "coercive practice"[7] is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;<br>(v) "obstructive practice" is<br>(aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or<br>(bb) acts intended to materially impede the exercise of the GON's/DP's inspection and audit rights provided for under GCC28.3. |
| | 73.3 The contractor shall be prosecuted for offenses under prevailing criminal laws, if the contractor:<br>(i) Misuses the Advance Payment or payments received from the Employer;<br>(ii) Receives payment by submitting false information or documents;<br>(iii) Abandons the works before completion;<br>(iv) Commits a serious violation of the contract; or<br>(v) Causes loss or damage to the Employer. |
| 74. Black Listing | 74.1 Without prejudice to any other rights of the Employer under this Contract, GoN, Public Procurement Monitoring Office (PPMO), on the recommendation of procuring entity, may blacklist a Bidder or contractor for its conduct for a period of one (1) to three (3) years on the following grounds and seriousness of the act committed by the bidder or contractor:<br>(a) if it is established that the Contractor has committed substantial defect in implementation of the contract or has not substantially fulfilled its |



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| | obligations under the contract or the completed work is not of the specified quality as per the contract.<br>(b) If convicted from a court of law in a criminal offense liable to be disqualified for taking part in procurement contract,<br>(c) If it is established that the Contractor has engaged in corrupt or fraudulent practices in competing for or in executing the Contract. |
| 75. Payment upon Termination | 75.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer. |
| | 75.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate. |
| | 75.3 If the Contract is terminated because of fundamental breach of Contract or for any other fault by the Contractor, the Employer may:<br>(a) withhold further payments to the Contractor until the costs of design, execution, completion and remedying of any defects, liquidated damages (if any), and all other costs incurred by the Employer, have been established, and/or<br>(b) recover from the Contractor any losses and damages incurred by the Employer and any additional costs of completing the Works, after allowing for any sum due to the Contractor, as Government dues. After recovering any such losses, damages and extra costs, the Employer shall pay any balance to the Contractor.<br>(c) forfeit the Performance Security.<br>If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer. |
| 76. Property | 76.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer if the Contract is terminated because of the Contractor's default. |
| 77. Release from Performance | 77.1 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 Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment was made. |
| 78.Suspension of DP Loan/Credit/ Grant | 78.1 In the event that the DP suspends the loan/ credit/grant to the Employer from which part of the payments to the Contractor are being made:<br>a. the Employer is obligated to notify the Contractor of such suspension within 7 days of having received the DP's suspension notice; and<br>b. if the Contractor has not received sums due him within the 30 days for payment provided for in GCC 49.1, the Contractor may immediately issue a 15-day termination notice. |

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| 79. Eligibility | 79.1 The Contractor shall have the nationality of an eligible country as specified in Section V of the bidding document. The Contractor shall be deemed to have the nationality of a country if the Contractor is a citizen or is constituted, or incorporated, and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including related services. |
| | 79.2 The materials, equipment, and services to be supplied under the Contract shall have their origin in eligible source countries as specified in Section V of the bidding document and all expenditures under the Contract will be limited to such materials, equipment, and services. At the Employer's request, the Contractor may be required to provide evidence of the origin of materials, equipment, and services. |
| | 79.3 For purposes of GCC 79.2, "origin" means the place where the materials and equipment are mined, grown, produced, or manufactured, and from which the services are provided. Materials and equipment are produced when, through manufacturing, processing, or substantial or major assembling of components, a commercially recognized product results that differs substantially in its basic characteristics or in purpose or utility from its components. |
| 80. Project Manager's Duties and Authorities | 80.1 The Project Manager's duties and authorities are restricted to the extent as **stated in the SCC**. |
| 81. Quarries and Spoil Dumps | 81.1 Any quarry operated as part of this Contract shall be maintained and left in a stable condition without steep slopes and be either refilled or drained and be landscaped by appropriate planting. Rock or gravel taken from a river shall be removed over some distance so as to limit the depth of material removed at any one location, not disrupt the river flow or damage or undermine the river banks. The Contractor shall not deposit excavated material on land in Government or private ownership except as directed by the Project Manager in writing or by permission in writing of the authority responsible for such land in Government ownership, or of the owner or responsible representative of the owner of such land in private ownership, and only then in those places and under such conditions as the authority, owner or responsible representative may prescribe. |
| 82. Local Taxation | 82.1 The prices bid by the Contractor shall include all taxes that may be levied in accordance to the laws and regulations in being in Nepal on the date 30 days prior to the closing date for submissions of Bids on the Contractor's equipment, plant and materials acquired for the purpose of the Contract and on the services performed under the Contract. Nothing in the Contract shall relieve the Contractor from his responsibility to pay any tax that may be levied in Nepal on profits made by him in respect of the Contract. |
| 83. Value Added Tax | 83.1 The Contract is not exempted from value added tax. An amount specified in the schedule of taxes shall be paid by the Contractor in the concerned VAT office within time frame specified in VAT regulation. |
| 84. Income Taxes on Staff | 84.1 The Contractor's staff, personnel and labor will be liable to pay personal income taxes in Nepal in respect of their salaries and wages, as are chargeable under the laws and regulations for the time being in force, and the Contractor shall perform such duties in regard to such deductions as may be imposed on |

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| | him by such laws and regulations. |
| | 84.2 The issue of the Final Account Certificate pursuant to clause GCC 70 shall be made only upon submittal by the Contractor of a certificate of income tax clearance from the Government of Nepal. |
| 85. Duties, Taxes and Royalties | 85.1 Any element of royalty, duty or tax in the price of any goods including fuel oil, and lubricating oil, cement, timber, iron and iron goods locally procured by the Contractor for the works shall be included in the Contract rates and prices and no reimbursement or payment in that respect shall be made to the Contractor. |
| | 85.2 The Contractor shall familiarize himself with GON the rules and regulations with regard to customs, duties, taxes, clearing of goods and equipment, immigration and the like, and it will be necessary for him to follow the required procedures regardless of the assistance as may be provided by the Employer wherever possible. |
| | 85.3 The Contractor shall pay and shall not be entitled to the reimbursement of cost of extracting construction materials such as sand, stone/boulder, gravel, etc. from the river beds or quarries. Such prices will be levied by concerned Local Government as may be in force at the time. The Contractor, sub-contractor(s) employed directly by him and for whom he is responsible, will not be exempted from payment of royalties, taxes or other kinds of surcharges on these construction materials so extracted and paid for to the concerned Local Government. |
| 86. Member of Government, etc, not Personally Liable | 86.1 No member or officer of GoN or the Employer or the Project Manager or any of their respective employees shall be in any way personally bound or liable for the act or obligations of the Employer under the Contract or answerable for any default or omission in the observance or performance of any of act, matter or thing which are herein contained. |
| 87. Approval of Use of Explosives | 87.1 No explosives of any kind shall be used by the Contractor without the prior consent of the Employer in writing and the Contractor shall provide, store and handle these and all other items of every kind whatsoever required for blasting operations, all at his own expense in a manner approved in writing by the Employer. |
| 88 Compliance with Regulations for Explosives | 88.1 The Contractor shall comply with all relevant ordinances, instructions and regulations which the Government, or other person or persons having due authority, may issue from time to time regarding the handling, transportation, storage and use of explosives. |
| 89. Permission for Blasting | 89.1 The Contractor shall at all times maintain full liaison with and inform well in advance, and obtain such permission as is required from all Government authorities, public bodies and private parties whatsoever concerned or affected, or likely to be concerned or affected by blasting operation. |
| 90. Records of Explosives | 90.1 Before the beginning of the Defects Liability Period, the Contractor shall account to the satisfaction of the Project Manager for all explosives brought on to the Site during the execution of the Contract and the Contractor shall remove all unused explosives from the Site on completion of works when ordered by the Project Manager. |
| 91.Traffic Diversion | 91.1 The Contractor shall include the necessary safety procedures regarding and pedestrian traffic diversion that is needed in execution of the works. The Contractor shall include in his costing of works, any temporary works or diversion that are needed during the construction period. All traffic diversion should be designed for the safety of both the motoring public and the men at |



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| | work. It shall ensure the uninterrupted flow of traffic and minimum inconvenience to the public during the period concerned. As such, adequate warning signs, flagmen and other relevant safety precautionary measures shall be provided to warn motorists and pedestrians well ahead of the intended diversion as directed by the Project Manager. All traffic devices used shall be designed in accordance with the instruction of Project Manager. |
| 92 Social Security Fund | 92.1 The contractor shall enroll the laborers, employees, or other workforce engaged in such work in the Social Security Fund in accordance with prevailing laws. |
| | 92.2 The contractor shall be responsible to disburse the remuneration, benefits, and other payments of the laborers, employees, or workforce into the bank account of the concerned individual. |
| | 92.3 The contractor shall be responsible for ensuring that the required work permit has been obtained in accordance with prevailing laws in respect of foreign personnel., |

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# Section IX: Special Conditions of Contract

The following Special Conditions of Contract shall supplement the GCC. Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

## Water Supply and Sewerage Management Office, Biratnagar

## Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10,11 Jhapa

## Contract Identification No.- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt

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# Special Conditions of Contract

| A. General | |
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| GCC 1.1 (p) | The Employer is: **Water Supply and Sewerage Management Office, Biratnagar** |
| GCC 1.1 (u) | The Intended Completion Date for the whole of the Works shall be: **30(thirty) months from the date of Agreement** |
| GCC 1.1(bb) & GCC10.1 | The Project Manager is: **Office Chief of Water Supply and Sewerage Management Office, Biratnagar**<br><br>The Project Manager and Engineer are synonyms. |
| GCC 1.1 (ee) | The Site is located at: **Chandragadhi Water Supply Project, Bhadrapur Municipality-7,8,9,10 Jhapa and is defined in drawings No.- 01** |
| GCC 1.1 (hh) | The Start Date shall be: **7 days of agreement** |
| GCC 1.1 (ll) | The Works consist of **Construction of Compound Wall, Office Building, Generator Shed, Valve Chamber, Surface Valve Box, Air Valve Chamber, Crossing, House Connection, Fire Hydrant, Pipeline Laying and Jointing and Etc. for Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality-7,8,9,10 Jhapa** |
| GCC 2.2 | Sectional Completions are: **NA** |
| GCC 2.3(i) | The following documents also form part of the Contract: **NA** |
| GCC 3.1 | The language of the contract is **ENGLISH/NEPALI**<br>The law that applies to the Contract is the law of NEPAL |
| GCC 11.1 | The Project Manager **may** delegate any of his duties and responsibilities. |
| GCC 12.1 (a) | The agreed electronic transmission shall be: **fwssmp.biratnagar04@gmail.com** |
| GCC 13.1 | **<u>For GoN Funded:</u>**<br>**Maximum percentage of subcontracting permitted is 0% of the total contract amount (**without VAT but including PS**).** |
| GCC 14.1 | Schedule of other contractors: **NA** |
| GCC 19.1 | The minimum insurance amounts and deductibles shall be:<br>**1.** The minimum cover for loss of or damage to the Works, Plant and Materials is: **115%** of the Contract Amount.<br>**2.** The maximum deductible for insurance of the Works and of Plant and Materials is: **0.75% of sum**<br>**3.** The minimum cover for loss or damage to **immovable** Equipment/**plants** is: **100% (i.e. Replacement Cost).**<br>**4.** The maximum deductible for insurance of immovable Equipment/**plant** is: **as per the provision of Nepal Insurance Authority.**<br>**5.** The minimum **cover for loss of or damage to** other property is: **NRs.** |



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| | **1,00,000.00** with unlimited number of occurrences.<br>**6.** The maximum deductible for insurance of other property is: **1% of sum insured.**<br>**7.** The minimum cover for personal injury or death insurance<br>i. for the Contractor's employees is that specified in the Labor act of Nepal and<br>ii. for other people is**: NRs. 8,00,000.00** with an unlimited number of occurrences. |
| GCC 20.1 | Site Investigation Reports are: **NA** |
| GCC 23.1 | The following shall be designed by the Contractor: **Pressure Filter if necessary** |
| GCC 24.2 | **NA** |
| GCC 26.1 | The Site Possession Date(s) shall be: **Chandragadhi Co-financing Water Supply Project, Bhadrapur Municipality-7,8,9,10 Jhapa within 7 days of Agreement** |
| GCC 30.1 | The place of arbitration shall be: **Nepal Council of Arbitration(NEPCA)** |
| C. Time Control | |
| GCC 34.1 | The Contractor shall submit for approval a Program for the Works within **15 days** from the date of the Letter of Acceptance. |
| GCC 34.3 | The period between Program updates is: **15 days**.<br>The amount to be withheld for late submission of an updated Program is **NRs. 100000.00** |
| D. Quality Control | |
| GCC 42.1 | The Defects Liability Period is: **365 days.** |
| E. Cost Control | |
| GCC 49.1 | Prevailing interest rate: **NRB %** |
| Additional Clause GCC 49.4 | The contractor shall get the 85% payment of each and every Interim Payment Certificate from Water Supply and Sewerage Management Office, Biratnagar (WSSMO) and the remaining 15% payment from the concerned Water supply and Sanitation User's Committee (WUSC)/Local Governments. |
| GCC 53.1 | The Contract **is** subject to price adjustment, and the following information regarding coefficients **does** apply.<br>The coefficients and indices for adjustment of prices in Nepalese Rupees shall be as specified in the Table of Adjustment Data submitted by bidder together with the Letter of Price Bid which is approved by the Project manager and attached as Annex-1. |
| GCC 53.6 | Base Price of Construction Materials applicable for price adjustment shall be as per the Table of Adjustment Data submitted by Bidder together with the Letter of Price Bid which is approved by the Project manager and attached as Annex-1. |
| GCC 53.7 | The Price Adjustment amount shall be limited to a maximum of: **25% of the initial** |

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| | |
|---|---|
| | **Contract Amount** (without VAT but including PS)<br>For DP Funded: **Not Applicable** |
| GCC 54.1 | The proportion of payments retained is: **5(five) percent**<br>For DP Funded: **NA** |
| GCC 55.1 | The liquidated damages for the whole of the Works are **0.05 Percent** of the final Contract Price (without VAT but including PS) per day. The maximum amount of liquidated damages for the whole of the Works is **10 Percent** of the final Contract Price (without VAT but including PS). |
| GCC 56.1 | The provision of bonus **Not Applicable** in the contract. If Applicable, the Bonus for the whole of the Works is 0.05 Percent per day of final contract price (without VAT but including PS). The maximum amount of Bonus for the whole of the Works is **0%** of the final Contract Price (without VAT but including PS). |
| GCC 57.1 | The provision of Advance Payments **Applicable** in the contract. If Applicable, the Advance Payments shall be: **10 percent of initial contract amount** (without VAT but including PS) and shall be paid in two equal installments and to the Contractor.<br>**1st Installment 5% after agreement**<br>**2nd Installment 5% after work start** |
| GCC 57.3 | Deductions from Payment Certificates will commence in the first certificate in which the value of works executed exceeds **30%** of the Contract Price. Deduction will be at the rate of **20%** of the respective Monthly Interim Payment Certificate until such time as the advance payment has been repaid; provided that the advance payment shall be completely repaid prior to the end of **80%** of the approved contract price. |
| GCC 57.4 | Recover interest on the advance amount from the Contractor should be at a rate of **10 %**. |
| GCC 58.1 | The Performance Security amount is: **5%** |
| **G. Finishing the Contract** | |
| GCC 71.1 | The date by which operating and maintenance manuals are required is: **NA** |
| GCC 71.2 | The date by which "as built" drawings are required is: **within 30 days after work acceptance date**<br>The amount to be withheld for failing to produce "as built" drawings is: **NRs. 5,00,000.00** |
| GCC 72.3 (i) | The maximum number of days is: **200** |
| GCC 80 | The Project Manager has to obtain the specific approval of the Employer for taking any of the following actions :<br>a. Approving subcontracting of any part of the works under General Conditions of Contract Clause 13;<br>b. Certifying additional costs determined under General Conditions of Contract Clause 50;<br>c. Determining start date under General Conditions of Contract Clause 1;<br>d. Determining the extension of the intended Completion Date under General |

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|---|---|
| | Conditions of Contract Clause 35;<br>e. Issuing a Variation under General Conditions of Contract Clause 1 and 46, except in an emergency situation, as reasonably determined by the Project Manager; emergency situation may be defined as the situation when protective measures must be taken for the safety of life or of the works or of adjoining property.<br>f. Adjustment of rates under General Conditions of Contract Clause 45; |

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# Section X: Contract Forms

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and when required Advance Payment Security and Retention Money Security shall only be completed by the successful Bidder after contract award.

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# Letter of Intent

## [on letterhead paper of the Employer]

Date: ... ……

To: .....***Name and address of the Contractor***.....

**Subject: …… Issuance of letter of intent to award the contract.....**

This is to notify you that, it is our intention to award the contract ..... ***[insert date]*** .....for execution of the ... ..... ***[insert name of the contract and identification number, as given in the Contract Data/SCC]*** to you as your bid price Nepalese Rupees ..... ***[insert amount of contract price in figures and words including taxes]*** as corrected and modified in accordance with the Instructions to Bidders is hereby selected as substantially responsive evaluated bid closest to the Average Bid Price.

Authorized Signature: ……

Name: ... …….

Title: …….

CC:

**[Insert name and address of all other Bidders, who submitted the bid]**

***[Notes on Letter of Intent***

*The issuance of Letter of Intent is the information of the selection of the bid of the successful bidder by the Employer and for providing information to other unsuccessful bidders who participated in the bid as regards to the outcome of the procurement process. This standard form of Letter of Intent to Award should be filled in and sent to the successful Bidder only after evaluation and selection of substantially responsible evaluated bid closest to the Average Bid Price.]*

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# Letter of Acceptance

## [on letterhead paper of the Employer]

Date: ……..

To: ……***Name and address of the Contractor***……...

**Subject: …….*Notification of Award***

This is to notify that your Bid for the Invitation of Bids dated .....[***Insert date of bid invitation]*** ……..for execution of the……..[***Insert name of the contract and identification number, as given in the Contract BDS/SCC]*** ……... for the Contract price of Nepalese Rupees ***[insert amount of contract price in figures and words including taxes],*** as corrected in accordance with the Instructions to Bidders is hereby accepted in accordance with the Instruction to Bidders.

You are hereby instructed to contact this office to sign the formal contract agreement within 15 days with Performance Security of **NRs**. ……. in accordance with the Conditions of Contract, using for that purpose the Performance security Form included in Section X (Contract Forms) of this Bidding Document.

Authorized Signature: ……...

Name and Title of Signatory: ……

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# Contract Agreement

**THIS AGREEMENT made the .....day of…..between**……. name of the Employer ***……(hereinafter "the Employer"),*** of the one part, and ……name of the Contractor ……(hereinafter "the Contractor"), of the other part:

WHEREAS the Employer desires that the Works known as ……... name of the Contract .....should be executed by the Contractor, and has accepted a Bid by the Contractor for the execution and completion of these Works and the remedying of any defects in the sum of NRs ***….....…..[insert amount of contract price in words and figures including taxes]***(hereinafter "the Contract Price").

The Employer and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
   (a) the Letter of Acceptance;
   (b) the Letters of Technical and Price Bid;
   (c) the Addenda Nos ..... ***Insert addenda numbers if any*** ……
   (d) the Special Conditions of Contract;
   (e) the List of Eligible Countries that was specified in Section V of the bidding document,
   (f) the General Conditions of Contract;
   (g) the Specification;
   (h) the Drawings;
   (i) Bill of Quantities (or Schedules of Prices for lump sum contracts), and
   (j) Table of Price Adjustment Data
   (k) List of Approved Subcontractors *[For GoN funded project]*
   (l) .....***[Specify if there are any other document]***

3. In consideration of the payments to be made by the Employer to the Contractor as indicated in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Nepal on the day, month and year indicated above.

Signed by …….
for and on behalf the Contractor in the presence of

Witness, Name Signature, Address, Date

Signed by……..
for and on behalf of the Employer in the presence of

Witness, Name, Signature, Address, Date

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# List of Approved Subcontractors

In accordance with GCC Sub-Clause 13.1, The following Subcontractors are approved for carrying out the work as specified below.

| Name of Subcontractors | Description of Works | Value/Percentage of subcontract |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

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# Performance Security

***(On letterhead paper of the Bank)***

***..... Bank's Name, and Address of Issuing Branch or Office .....***

Beneficiary: ***..... [insert Name and Address of Employer*** ]…….....

Date: .....

Performance Guarantee No.:…….

We have been informed that ... ... ***[insert name of the Contractor, which in the case of a joint venture shall be the name of the joint venture]*** (hereinafter called "the Contractor") has been notified by you to sign the Contract No. …….. ***[insert reference number of the Contract]***, for the execution of …….. ***[insert name of contract and brief description of Works]*** (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we... ..... ***[insert name of the Bank]*** ……., hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of Nepalese Rupees.....***[insert amount in figures*and amount in words]…..*** such sum being payable in Nepalese Rupees, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the……*[**[insert day].***Day of ***……[[insert month, year]***, **, and any demand for payment under it must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG), 2010 Revisions, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

**……**

***Seal of Bank and Signature(s)***

*Note:*

*All italicized text is for guidance on how to prepare this demand guarantee and shall be deleted from the final document.*

* *The Guarantor shall insert an amount representing the percentage of the Contract Price specified in the Contract in Nepalese Rupees.*

*** Insert the date thirty days after the date specified for the Defect Liability Period. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.*

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# Advance Payment Security

***(On letterhead paper of the Bank)***

***…….. Bank's Name, and Address of Issuing Branch or Office.....***

Beneficiary: ……***[insert Name and address of employer]***

Date : ……

Advance Payment Guarantee No……..

We have been informed that …… ***[insert name of the Contractor, which in the case of a joint venture shall be the name of the joint venture]*** …… (hereinafter called "the Contractor") has entered into Contract No. ***.....[ insert refrence number of the contract]*** dated ……***[date]***…… with you, for the execution of …….*[ **insert** name of contract and brief description of Works]* ……. (hereinafter called "the Contract").

Furthermore, we understand that, according to the Conditions of the Contract, an advance payment in the sum Nepalese Rupees ***……. [Insert amount in figures*and in words]*** is to be made against an advance payment guarantee.

At the request of the Contractor, we... ..... . ***[insert name of the Bank]*** ……,, hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of Nepalese Rupees ***…….[ insert amount in figures* and amount in words]*** upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation under the Contract because the Contractor:

(a).....Used the advance payment for purposes other than the costs of mobilization in respect of the Works; or

(b)... Has failed to repay the advance payment when it has become due and payable in accordance with the conditions of the contract, specifying the amount payable by the contractor.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor as indicated in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that eighty (80) percent of the Contract Price has been certified for payment, or on the ***…..[date]*.....** day of ***...[month],[year]...**,*** whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG), 2010 Revisions, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

**……**

**Seal of Bank and Signature(s)**

**Note:**

*All italicized text is for guidance on how to prepare this demand guarantee and shall be deleted from the final document.*

**The Guarantor shall insert an amount representing the amount of the advance payment in Nepalese Rupees of the advance payment as specified in the Contract.*

*** Insert the date Thirty days after the intended completion date. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.*

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# Retention Money Security

***(On letterhead paper of the Bank)***

***..... Bank's Name, and Address of Issuing Branch or Office.....***

**Beneficiary:** _____ ***[Insert name and Address of Employer]***

Date: _____***[Insert date of issue]***

**RETENTION MONEY GUARANTEE No.:** ***[Insert guarantee reference number]***

We have been informed that _____ ***[insert name of Contractor, which in the case of a joint venture shall be the name of the joint venture]*** (hereinafter called "the Contractor") has entered into Contract No. _____ ***[insert reference number of the contract]*** dated _____ with the Beneficiary, for the execution of _____ ***[insert name of contract and brief description of* Works*]*** (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, the Beneficiary retains moneys up to the limit set forth in the Contract ("the Retention Money"), and that when at least eighty (80) percent of the whole works have been completed, progress of the works is satisfactory in accordance with the Contract as per approved work schedule and it can be assured that the works can be completed at the intended completion date, payment of ***[insert the amount of the Retention Money]*** is to be made against a Retention Money guarantee.

At the request of the Contractor, we, .. . ***[insert name of the Bank]*** …….,as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of Nepalese Rupees _____ ***[insert amount in figures and amount in words][1]]_[***upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or show grounds for your demand or the sum specified therein.

This guarantee shall expire no later than the …. day of ……, … [2], and any demand for payment under it must be received by us at the office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG), 2010 Revisions, ICC Publication No. 758, <u>except that the supporting statement under Article 15(a) is hereby excluded</u>.

_____

*[Seal of Bank and signature(s)]*

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***

---

[1] *The Guarantor shall insert the amount of the Retention Money.*

[2] *Insert the same expiry date which is 30 days more than the end of Defect Liability Period. The Employer should note that in the event of an extension of this date for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.*

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# Annex-1

## Table of Price Adjustment Data
**[SCC 53.1]**

| Code | Index Description | Source of Index* | Base Value and Date | Employer's Proposed Weighting Range (coefficient) | Bidder's Proposed Weighting (coefficient)** |
|---|---|---|---|---|---|
| **1** | **2** | **3** | **4** | **5** | **6** |
| | Non - adjustable (A) | | | 0.15 | 0.15 |
| | Labor (b) | | 30 days prior to Bid Submission Date | 0.10-0.30 | |
| | Materials (c) | | 30 days prior to Bid Submission Date | 0.30-0.60 | |
| | Equipment usage (d) | | 30 days prior to Bid Submission Date | 0.05-0.15 | |
| | … | | | | |
| | | **Total** | | | **1.00** |

Note: Base value and Bidder's proposed weighting coefficient to be filled as per "Bid Form of Table of Price Adjustment Data" in Bidding Forms (Section-IV) after verification by the Employer in case of the alternative provision of Bidder proposed value and weighting coefficient.

## Table of Price Adjustment Data
**[SCC 53.6]**

| Code | Construction Material* | Unit | Base Price (NRs/Unit) ** (Ex-factory) | Source (Factory)** |
|---|---|---|---|---|
| **1** | **2** | **3** | **4** | **5** |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

** For the purpose of calculation of price adjustment, the Ex-factory price of the same source mentioned in the table shall be taken into consideration.

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Note: Base Price and source to be filled as per "Bid Form of Table of Price Adjustment Data" in Bidding Forms (Section-IV) after verification by the Employer in case of the alternative provision of Bidder proposed source and base price.

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# Letter of Price Bid

**The Bidder must accomplish the Letter of Price Bid in its letterhead clearly showing the Bidder's complete name and address.**

Date: .....

Name of the contract: .....

Invitation for Bid No.: .....

To: ***[Insert Complete name of Employer]*** …….....

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) Clause 8;

We offer to execute in conformity with the Bidding Documents the following Works: ***[Insert Description of the works]*** .

(c)The total price of our Bid, excluding any discounts offered in item (d) below is: ***[Insert one of the options below as appropriate]*** or when left blank is the Bid Price indicated in the Bill of Quantities.

Option 1, in case of single contract: Total price is: ***[insert the total price of the Bid in words and figures];***

Or

Option 2, in case of multiple lots (contracts): (i) Total price of each lot (contracts): ***[insert the total price of each lot in words and figures]***; (ii) Total price of subject contract [say Lot1] and Lot2 [another contract] ***[insert the total price in words and figures];*** (iii) Total price of subject contract [say Lot1]and Lot3 [another contract] ***[insert the total price in words and figures];*** Total price of subject contract [say Lot1], Lot2 [another contract], Lot3 [another contract], ***……..[insert the total price in words and figures]***;

(d) The discounts offered and the methodology for their application for subject contract [single contract] are:…….. [For Bidding Documents not provisioning multiple contracts]

Add following if Bidding Document provisions applicability of multiple contracts:

The discounts offered and the methodology for their application for subject contract [say Lot1] and Lot2 [another contract] are:……..

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The discounts offered and the methodology for their application for subject contract [say Lot1] and Lot3 [another contract] are:……..

The discounts offered and the methodology for their application for subject contract [say Lot1], Lot2 [another contract] and Lot3 [another contract],……,
are:……..

[Note:
1. Formulate possible combinations depending upon the number of lots under Bidding Process and modify accordingly Paragraph (c) and (d)]

(e) Our bid shall be valid for a period of ***[insert validity period as specified in ITB 18.1]*** days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Document;

(g) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract:[5]

| Name of Recipient | Address | Reason | Amount |
|---|---|---|---|
| ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... |

(h) We understand that this bid, *together with your written acceptance thereof* included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;

(i) We understand that you are not bound to accept the bid closest to the Average Bid Price or any other bid that you may receive; and

(j) We declare that we are solely responsible for the authenticity of the documents submitted by us.

(k) We agree to permit the Employer/DP or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the Employer.

Name: ***[insert complete name of the person signing the Bid]***.....

In the capacity of ***[insert legal capacity of person signing the Bid]*.....**

Signed ***[signature of the person whose name and capacity are shown above]*** ……...

Duly authorized to sign the Bid for and on behalf of ***[insert complete name of the Bidder]*……**

Date ***[insert date of signing]***…… ……....

---

5 If none has been paid or is to be paid, indicate "None".

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# Table of Price Adjustment Data[6]

**[To be used if Price Adjustment is applicable as per GCC 53.1]**

| Code | Index Description | Source of Index* | Base Value and Date | Employer's Proposed Weighting Range (coefficient) | Bidder's Proposed Weighting (coefficient)** |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | Non - Adjustable (A) | | | 0.15 | 0.15 |
| | Labor (b) | | | | |
| | Materials (c)*** | | | | |
| | Equipment usage (d) | | | | |
| | | Total | | | 1.00 |

*Normally following source of index shall apply. Public Entity shall choose applicable Index for each item.

(a) Labor: "National Salary and Wage Rate Index"- "Construction Labor" of Nepal Rastra Bank or rate fixed by District Rate Fixation Committee

(b) Material: "National Wholesale Price Index" - Construction Materials" of Nepal Rastra Bank

(c) Equipment usage: "National Wholesale Price Index" - Machinery and Equipment" of Nepal Rastra Bank or "Fuel" Price fixed by Nepal Oil Corporation.

** Bidders proposed weightings should be within the range specified by the Employer in column - 5
*** The materials can be broken down into major construction materials if necessary. In this case the source of index shall be the specified by Employer, preferably as per the published ex-factory price or published price from the sole authorized seller.

[6] Non-compliance of the data (stipulated by the bidder in this table) with requirements described here shall not be grounds for bid rejection and such non-compliance will be subject to clarification and rectification prior to contract award.

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# Table of Price Adjustment Data[7]

## [To be used if Price Adjustment is applicable as per GCC 53.6]

| Code | Construction Material* | Unit | Base Price (NRs/Unit) (Ex-factory) | Source (Factory)** |
|---|---|---|---|---|
| **1** | **2** | **3** | **4** | **5** |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

* Major construction materials to be specified by Employer in column - 2.

** Base Price and source normally to be specified by Employer (or alternatively informed to be proposed by bidder) in column 4 and 5.

**Note:**
The base prices of the construction materials shall be taken as of 30 days before the deadline for submission of the Bid as quoted by the Bidder and verified by the Employer. For the purpose of calculation of price adjustment, the Ex-factory price of the same source shall be taken into consideration.

[7] Non-compliance of the data (stipulated by the bidder in this table) with requirements described here shall not be grounds for bid rejection and such non-compliance will be subject to clarification and rectification prior to contract award.

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# Section VII: Bill of Quantities[9]

## Notes for Unit Rate Contracts:

***Objectives***

*The objectives of the Bill of Quantities are*

*(a) to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and*

*(b) when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.*

*In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.*

***Content***

*The Bill of Quantities should be divided generally into the following sections:*

*(a) Preamble;*

*(b) Work Items (grouped into parts);*

*(c) Day works Schedule;*

*d) Provisional Sums; and*

*(d) Summary.*

***Preamble***

*The Preamble should indicate the inclusiveness of the unit prices, and should state the methods of measurement which have been adopted in the preparation of the Bill of Quantities and which are to be used for the measurement of any part of the works.*

***Work Items***

*The items in the Bill of Quantities should be grouped into sections to distinguish between those parts of the Works which by nature, location, access, timing, or any other special characteristics may give rise to different methods of construction, or phasing of the Works, or considerations of cost. General items common to all parts of the works may be grouped as a separate section in the Bill of Quantities.*

***Day work Schedule***

*A Day work Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Employer of the realism of rates quoted by the Bidders, the Day work Schedule should normally comprise the following:*

*(a) A list of the various classes of labour, materials, and Constructional Plant for which basic day work rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a day work basis.*

*(b) Nominal quantities for each item of Day work, to be priced by each Bidder at Day work rates as bid. The rate to be entered by the Bidder against each basic Day work item should include the Contractor's profit, overheads, supervision, and other charges.*

[9]In lump sum contracts, delete "Bill of Quantities" and replace with "Schedule of Activities" throughout this section.

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***Provisional Sums***

*Provisional Sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Project Manager in accordance with the Conditions of Contract.*

***Summary***

*The Summary should contain a tabulation of the separate parts of the Bill of Quantities carried forward, with provisional sums for Day work, for physical (quantity) contingencies, and for price contingencies (upward price adjustment) where applicable.*

## Preamble of Bill of Quantities

## A. General

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, General and Special Conditions of Contract, Technical Specifications, and Drawings.

2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Project Manager and valued at the rates and prices bid in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Project Manager may fix within the terms of the Contract.

3. For any item for which measurement is based on records made before or during construction the records shall be prepared and agreed between the Engineer and the Contractor. Should the Contractor carry out such work without the prior agreement of the Engineer, the Engineer may request the Contractor to carry out investigations to confirm the extent of the work and the quantity of work certified for payment shall be solely at the Engineer's discretion. The cost of any such investigation shall be borne by the Contractor.

4. The rates and prices bid in the priced Bill of Quantities shall, except as otherwise provided under the Contract, include all construction equipment, labor, supervision, materials, erection, maintenance, insurance, profit, taxes, and duties, together with all general risks, liabilities, and obligations set out or implied in the Contract.

5. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.

6. The whole cost of complying with the provisions of the Contract shall be included in the Items provided in the priced Bill of Quantities, and where no Items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related Items of Work.

7. General directions and descriptions of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the Contract documentation shall be made before entering prices against each item in the priced Bill of Quantities. The Specification Clause references where given in the item description of the Bills of Quantities are for the convenience of bidders and generally refer to the principal relevant- specification clause but do not necessarily represent the whole of the specification requirements for the work required within the item. The presence of a Specification clause reference shall not in any way reduce the Bidders obligation to complete work in accordance with all the requirements of the Specification.

8. Provisional Sums included and so designated in the Bill of Quantities shall be expended in whole or

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in part at the direction and discretion of the Project Manager in accordance with the Conditions of Contract.

9. The method of measurement of completed work for payment shall be in accordance with the Specifications.
10. The abbreviations and symbols used in this Bill of Quantities are:***[Insert as applicable]***

## B. Day work Schedule

### a)General

1. Work shall not be executed on a day work basis except by written order of the Project Manager. Bidders shall enter basic rates for day work items in the Schedules. These rates shall apply to any quantity of day work ordered by the Project Manager. Nominal quantities have been indicated against each item of day work, and the extended total for day work shall, be carried forward as a Provisional Sum to the Summary Total Bid Amount. Unless otherwise adjusted, payments for day work shall be subject to price adjustment in accordance with the provisions in the Conditions of Contract.

### b) Day work Labor

1. In calculating payments due to the Contractor for the execution of day works, the hours for labor will be reckoned from the time of arrival of the labor at the job site to execute the particular item of day work to the time of departure from the job site, but excluding meal breaks and rest periods. Only the time of classes of labor directly doing work ordered by the Project Manager and are competent to perform such work will be measured. The time of gangers (charge hands) actually doing work with the gangs will also be measured but not the time of foremen or other supervisory personnel.
2. The Contractor shall be entitled to payment in respect of the total time that labor is employed on day work, calculated at the basic rates entered by it in the " SCHEDULE OF DAY WORK RATES: 1. LABOR". The rates for labor shall be deemed to cover all costs to the Contractor including (but not limited to) i) the amount of wages paid to such labor, transportation time, overtime, subsistence allowances, ii) any sums paid to or on behalf of such labor for social benefits in accordance with Nepal law, iii) Contractor's profit, overheads, superintendence, liabilities and insurance and iv) charges incidental to the foregoing.

### c) Day work Equipment

1. The Contractor shall be entitled to payments in respect of Constructional Plant already on site and employed on day work at the basis rental rates entered by him in the “SCHEDULE OF DAY WORK RATES:2 EQUIPMENT”. The said rates shall be deemed to include due and complete allowance for depreciation, interest, indemnity and insurance, repairs, maintenance, supplies, fuel, lubricant, and other consumables and all overhead, profit and administrative costs related to the use of such equipment. The cost of drivers, operators and assistants also shall be included in the rate of the equipment and no separately payment shall be made for it.
2. In calculating the payment due to the Contractor for Constructional Plant employed on day work, only the actual number of working hours will be eligible for payment, except that where applicable and agreed with the Project Manager, the travelling time from the part of the Site where the Construction Plant was located when ordered by the Project Manager to be employed on day work and the time for return journey there to shall be included for payment.

### d) Day work Materials

1. The Contractor shall be entitled to payment in respect of materials used for day work (except for materials for which the cost is included in the percentage addition to labor costs as detailed heretofore), at the rates entered by him in the "SCHEDULE OF DAY WORK RATES: 3 MATERIALS" and shall be deemed to include overhead charges and profit as follows;
   (i) the rates for materials shall be calculated on the basis of the invoiced price, freight, insurance, handling expenses, damage, losses, etc. and shall provide for delivery to store for stockpiling at the Site.
   (ii) the cost of hauling materials for use on work ordered to be carried out as day work, from the store or stockpile on the Site to the place where it is to be used also shall be include in the same rate.

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## Provisional Sums

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Employer to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

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# Bill of Quantities

**[Attached Below]**

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**Preamble of Bill of Quantities (Additional)**

1) INTRODUCTION

The Bill of Quantities includes this preamble, the parts of the bill of Quantities and the schedules. The bill of Quantities shall be read in conjunction with the Conditions of Contract, the Specifications, and the Drawings. The work or Materials covered by items in the Bill of Quantities are as detailed in the Specifications and Drawings.

The quantities given in the bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding therefore they are not to be taken as accurate Quantities of the works to be executed by the Contractor in fulfillment of this obligations under the Contract. The basis of Payment will be the actual Quantities of work ordered and Carried out, as measured and verified by the Engineer and valued at the rates and prices bid in the priced bill of Quantities, wherever applicable, and otherwise at such rates and prices as the aforesaid and foregoing.

Errors during bidding process will be corrected by the Employer for any arithmetic errors pursuant to Clause 33 of the instructions to Bidders.

2) RATES & PRICES

The unit rate of the each items shall be exclusive of Value Added Taxes (VAT). The VAT shall be added separately as prescribed in Summary of Bills of Quantities.

The rates and prices in the Bill of Quantities shall, except where otherwise provided in the Contract, cover all the contractor's obligations under the Contract and all matters and items necessary as survey using survey instruments to verify the alignment, preparation of pre-construction investigation, contractor's working drawings, shop drawings, as built drawings, mobilization of Constructional Plant and equipment and management and technical personal for execution and supervision labour, material supervision, erection, maintenance, protection, insurance, profit taxes and duties for the proper construction and completion of the works including testing and remedy of detects works as specified in or reasonably to be inferred from the contract. Unless the method of measurement makes a specific promise of measurement no further payment shall be made in respect of anything described in the contract for which apparently no corresponding item is given in the bill of Quantities. The cost of any items that is necessary for successful completion of the works but not mentioned in the bill of Quantities and against which no contract rate has been entered, shall be deemed to be covered by other Quoted items rates. If any item required for successful completion of works inadvertently missed out in the bill of Quantities, the bidder shall include the cost of its supply in the relevant laying or install item (including all the relevant, small ancillary items required for social, safety and environmental concerns), therefore, the prices and rates entered by the Contractor in the bill of Quantities shall cover the complete and finished work in final position as required by the Contract document including, inter alia, all cost and expenses which may be required in and for the constructions and maintenance of the works, together with all risks, liabilities, contingencies, insurance and obligations imposed or implied by the contract.

Price quoted against each items, must be reasonable reflecting the actual cost of the work plus expenses and must correspond to the relative value of each item in relation to the total amount of the bid, they must in particular not be of such nature as to distort the comparison of bids or to result in interim payments which are clearly disproportionate to the normal value of the services to be rendered.



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Without affecting the generality of the foregoing provisions, the prices and rates entered by the contractor in the bill of Quantities shall include, enter alia, all cost and expenses involved with or arising from the following: -

- The provision, storage, transport, handling, use distribution and maintenance of all materials, plant, equipment, machinery and tools including all costs charges, dues, demurrage or other outlays involved in carriage and importation:,
- The provision and maintenance of all staff and labor and their payment, accommodation, transport fares and other requirements.
- Setting out, including the location and preservation of survey markers, measurement and supervision.,
- The provision, operation, maintenance and removal upon completion of the contract of all contractor's side installations.
- The provision, storage, transport, use, handling, distributions and maintenance of all consumable stores, fuel, water and electricity for the contractor's side installation.
- The opening, operations and reinstatement upon completion of all sources for concrete, aggregates, earthworks etc.
- The provision and maintenance of all temporary detours, of traffic control measures and of reinstatement upon complication of the existing roads.
- Protections against failure of property adjoining the excavations for pipelines to be laid.
- All contractual submission by the contractor except spare parts and photographs.
- All quality control measure including inspections and tests.
- Damage caused to the works under construction, plant, materials and consumable stores by the weather.
- Repairs to the works either prior to during the defects liability period.
- Maintenance of total work from commencement day to end the defect liability period.
- Coordination with other contractor's and authorities carrying outwork either in connection with or adjacent to the works.
- Overheads, on –costs and profits.

A price or rate shall be entered against each items in the bill of quantities weather quantities are stated or not. Items against which the bidder dos not enter a price or rate shall be deemed include in other prices and rates quoted in the bill of quantities.

The unit price or rate entered against any item shall take precedence over any miscalculation in the total sum against that item. where separate items have not been provided in the bill of quantities for work required under the contract, then the cost of such works shall be deemed to have been include in the unit prices and rates for other items.

3) BILL OF QUANTITIES

The total quantity include in the final measurement of each item shall be measured to the nearest integer relative to that item, or to one decimal place if so indicated in the bill of quantities.



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The following abbreviations are used in the bill of quantities:

| | | | |
|---|---|---|---|
| Sq | Square | mm | millimeter |
| Cu | Cubic | M | meter |
| Nr | Number | km | kilometer |
| Hr | Hour | % | percent |
| Kg | Kilogram | d or dia | diameter |
| Ha | Hectare | t or Mt | Metric ton |
| Prov.Sum | Provisional Sum | Nrs | Nepali |
| US$ | United states Dollars | NRs | Nepali |
| Md | Mandays | | |

Where in the bill of quantities there is a schedule or subsidiary bill setting out the quantities of component materials and work which comprise a unit of work measured under a single item in a part of the bill of quantities, the said quantities, shall be subject to ad measurement and valued at the rates and prices entered therein and the total thereof shall be the rate for the item in the part.

4. ITEM

The item descriptions in the bill of quantities are only in sufficient detailed to insure identification of the work covered with that shown on the drawings and described in the specification, description of the work given on the drawings or in the specification is not necessarily repeated in the identifying descriptions of the items in the bill of quantities, A reference clause number set against any item in bill of quantities indicates a clause in the specification in which work or material covered by the item is described. While every care is taken provide reference to specification in the item description, the contractor Shall have no claim in cases where such reference is absent. The bidder is advised to bring such discrepancies to the notice of the Employer before submitting the tender. The items described as “Procurement supply and Installation of Fittings and Valves” of any kind and for any diameter of fitting and valves include all associated works such as transportation of delivered fittings and valves to the concerned site, handling, storage, protection of flanges and other connection ends, installation of fittings and valves with necessary bolts, collars, gaskets, etc. as required to make a complete watertight joint to the corresponding pipe, testing, backfilling compaction and disposal of excess materials as per specification and drawings. Further requirements for the work or material in question may be stated in other clauses in the specification or on the Drawings and the Contract Rates shall be deemed to cover also the cost of complying with any such further requirements.

**5. METHOD OF MEASUREMENT**

The method of measurement of completed work (supply, delivery and installation including testing) for payment shall be in accordance with provisions made and specified in the Technical Specifications and any other related document forming part of the Contract Documents. Other cost not mentioned in BOQ for pipeline works as an item shall be arranged by Contractor at his own cost.

**6. PROVISIONAL WORK, SUM AND QUANTITLES**

Provisional Sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with the Conditions of Contract against provisional work mentioned under part of BOQ, it will be Used by the Engineer



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for nominated sub- contractors, line agencies, third party inspecting agencies, charges levied by statutory electrical, telephone, or other authorities, or for other miscellaneous works, The uses of provisional sum will also be for relocation of utilities above or under the ground that conflict with the existing or permanent line or level or the works, independent sampling and laboratory testing as directed by the Engineer, Replacement or Compensation for Plants and Tress removed due to the works etc. As directed by the Engineer.

The rates set out for such items shall be used for the valuation of works so ordered by the Engineer in writing whether the quantities are shown or not. lf the amount of work ordered by the Engineer to be executed under or provisional quantity item exceeds the quantity shown in the Bill of Quantities, the rate for that item set out in the Contract shall not necessarily be deemed applicable to the excess.

Each Provisional Sum shall only be used, in whole or in part, in accordance with the engineer's instructions. The total sum paid to the contractor shall include only such amounts, for the work, supplies or services to which the provisional sum relates, as the Engineers shall have instructed. The provisional sum shall include only the actual amounts paid (or due to be paid) by the contractor and no overhead charges and profit is given. The Contractor shall, when required by the Engineer produce quotations, invoices, vouchers and accounts or receipts in substantiation.

**7. OTHER COST**

Cost of temporary works like construction and maintenance of road diversions including traffic control: construction and maintenance of dewatering and drainage arrangements, establishment and maintenance of contractor's site office, store, establishment and maintenance of workshops, plant and equipment, including project sing boards etc. unless and otherwise mentioned in BOQ, will be deemed part of priced work and shall not be paid extra.

**8 DAYWORKS SCHEDULE**

General

The Contractor will be paid for daywork which may be required by the Engineer in writing during the course of the Contract at the rates set down by him in the Schedule. All profit and overhead must be included in these rates which shall also include all other costs of whatever nature necessary for and incidental to the performance of extra expenditures, such as royalties, payment to third party transportation, tools, housing for personnel, laboratory equipment and personnel for testing.

Time actually engaged in the works will be the only time allowed. No allowance will be made for travelling time even if it is necessary to import labor to the site for the execution of the Daywork item.

Rates quoted for Daywork will be taken into consideration when the bids are examined. Rates for Daywork shall show a reasonable relationship with unit rates entered elsewhere in the documents.

These rates will be subject to review by the Engineer and if unreasonably high (as determined by the Engineer) will not be used; in lieu of their Use, the Engineer may accomplish any required extra work in the manner as set out in Clause 13 of the conditions of contract.

All quantities in the Dayworks Schedule are provisional but the amounts shall be extended and totals carried to the Summaries of each of the all Schedules.



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The Contract Rates in the Daywork Schedule shall apply up to the data of expiry of the Defects Liability Period.

Labour Rates

For the purpose of payment for Daywork, labour shall be grouped into the classes contained in the Daywork Schedule and the classes shall have the meaning assigned to them therein. Provided that if the Contractor employs a man on daywork for lower classification than that of which the man is qualified, then in respect of such a man the contractor will be paid only at the rate for the lower classification.

Rate for the various classes of labour in the daywork Schedule shall cover all the Contractor's obligations whatsoever in providing and maintaining such labour at the place the work including wages, payment for conditions and for skill, bonus travelling and subsistence all allowance and expenses, watching and insurances of all kinds, site supervision, administrative clothing, the use and maintenance of staging scaffolding, portable electric tools, non- mechanical plant and hand tools of every kind, overheads, profit and all incidental expense.
The rates for labour are for units of man-days and a day shall be deemed to be a normal working day of 8 hours. Any less time shall be paid for proportionately.

Material Rates
Materials used on day work shall be as specified for the works. The rates shall include delivery to the concerned pipe laying stretches and reservoir construction area (hereinafter referred as project sites.) Should any materials be required for use on day work which are not included in the Schedule, the lowest current net market price shall apply, plus the cost of loading, transporting and unloading to the Project Sites including 15% allowance for overhead and profit. Should the Engineer instruct that the materials be ordered from abroad, then the lowest current net manufacture's C.I.F. (Cost, insurance, Freight) price shall apply, plus the cost of customs and handling charges, transporting and unloading to the Project Sites and 15% allowance for overhead and profit. All rates shall include storing and protecting the materials as necessary, plus any and all additional handling cost and taxes.

Plant and Equipment Rates

The Contract Rates for plants in the Daywork Schedule shall apply to all plant whether belonging to the contractor or hired by him and shall cover all the contractor's obligations whatsoever in providing and maintaining such plant at the place of work including all fuel, lubricants, all auxiliary equipment consumable stores, overhauls, repairs, replacement and all other change necessary for efficient operation and use of the plant, overheads and profits but excluding operators and attendants for whom labour changes shall apply. The amounts changed shall be the actual hours worked at the direction of the Engineer, no allowance being made for standing time, at the rate laid down for Contractors' own plant in the Daywork Schedule.

Payment for plant of daywork will be limited to items listed in the Daywork Schedule or added there to by the Contractor when tendering, unless otherwise agreed by the Engineer.
The contract Rates for plant shall be apply both to plant which is already available at site and to plant brought to site especially for daywork but in the later case the Contractor shall be reimbursed his additional net costs in transporting such plant to and from the site.



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9 Insurance

The cost of providing insurance of works and contractor's Equipment shall be paid to the contractor as provisional sum amount against submission of required insurance policies with the appropriate payment receipts, in the form acceptable to the Employer. The cost of providing third party insurance (including Employer's property) shall be paid to the contractor as provisional sum amount against submission of required insurance policies with the appropriate payment receipts, in the from acceptable to the Employer. The cost of providing insurance against accident to workmen shall be paid to the Contractor as provisional sum amount against submission of required insurance policies with the appropriate payment receipts, in the from acceptable to the Employer.

The Contractor shall extend the validity period of all kinds of insurances until the completion of the project including extension of time given, if any, plus defect liability period. No extra/additional cost will be paid for the extension of validity period after original time of completion until the revised time of completion, if any, plus defect liability period.

10. Quality Control

This covers the provision of quality control plan and procedures, sampling, material/plant certificates, maintaining of site records and daily log books and testing facilities and laboratories including materials, manpower and equipment needed for all testing required to ensure quality of work, and all other requirements shall be as per relevant clauses of Technical Specifications. Unless otherwise mentioned in BOQ, no separate measurements and/or payment shall be made for the works required under this Clause. All the cost associated with this Clause is deemed to be included in the item rates of the Bill of Quantities. The personal requirement submitted is deemed to be part of BOQ item and shall present for Quality control.

To test the RCC Reservoir's water tightness, water shall be filled 1/3rd of the total capacity and retained for three days.

11. Preparation of As-built Drawings

Unless otherwise mentioned in BOQ, no separate measurements and/or payment shall be made for the works required under this Clause. All the cost associated with this Clause is deemed to be included in the item rates of the Bill of Quantities. Final payment shall be made after the submission of as built drawing of project along with other documents as specified. For each IPC contractor shall submit as built drawing of works mentioned in IPC.

12. Pipe Trenches

All pipe line trench excavation for pipe line trench excavated by manual cum machine method only until as instructed by the Engineer.

Excavation shall be paid in cum. For the pipe laying works, the width of trench will not be more than the width given in the pipe trench drawing/table.

The Contractor shall backfill the trench up to the existing level. The additional earth work at reinstatement will be the temporary works and will not be paid additional. The backfilling works will be paid only after the compaction.

13. Disinfection of Treatment Plant, Reservoir Tanks and Pipe Line

Unless otherwise mentioned in BOQ, no separate measurements and/or payment shall be made for works as per instruction of Engineer using disinfectants required under this Clause. All the cost associated with this Clause is deemed to be included in the item rates of the Bill of Quantities.



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## 14. PAYMENT

With respect to the items regarding the supply of pipes and fittings given in the Bill of Quantities, brought by the Contractor to the Site for incorporation in the Permanent Works, partial payment shall be made to the contractor provided the following conditions are met:

i. The materials have been delivered to the Site and properly stored and protected against loss, damage, or deterioration:
ii. The Contractor's records of the requirements, orders, receipts, and use of material are kept in a from approved by the Project Manager, and such records are available for inspection by the Project Manager
iii. The Contractor has submitted a statement for the supply pipes and fittings delivered to the site as per approved schedule together will test certificate that the materials supplied are as per specification:
iv. The materials are to be used as per construction schedule.
v. Water required for structural Construction for preparation of cement/sand mortar, Concrete, curing of concrete structures, testing, Commissioning and other are deemed to be in item rate itself and no separate payment will be for water.
vi. As built drawing with GPS coordinates of each and every control points and Operation and Maintenance manual shall be provided before starting of DLP. If the contractor fails to do so, NRs. 4,00,000.00 for As built drawing and NRs. 1,00,000.00 for Operation and Maintenance Manual shall be withheld and released only after the submission of these documents.
vii. If there is any provisioned rebate by Nepal Electricity Authority (NEA) in the power consumption bills during testing and Commissioning Period, 50% amount of such rebate shall be in favour of Employer and remaining 50% shall be provided to contractor. In case of any penalty for delayed payment of power consumption bill, the contractor shall be fully liable and the penalty shall not be paid by Employer. Four percent of Billing cost shall be added as overhead cost of contractor in monthly billing of NEA.
viii. The Employer shall provide the percentage share specified in SCC Clause 49.4 of each approved monthly payment certificate. The remaining amount shall be paid by the Water Users' Committee of the Water Supply Project, with or without financial support from the concerned Local Government (Municipality).

Payment against pipes and valves, specials etc. Intended to form part of permanent works shall be made to the contractor as per following provision: -

**(1) Payment modality on supply and delivery of pipe (all types), fittings and appurtenances shall be provided in three installments.**

In first Install, seventy (70%) of the cost of each items shall be provided after the delivery, acceptance and final inspection at the stockpiling site. Second Installment, 25% of remaining payments of such items shall be after the completion of pipe laying and jointing and remaining last Installment, 5% payments shall be done only after the completion of testing and commissioning of the project as a whole.

The acceptance shall be considered only after the approval of employer to deliver pipes & fittings on site and certified pass certificate issued by National Bureau of Standard and Metrology for HDPE (PE-100) and Galvanized Iron. Similarly, acceptance of the Seamless and Ductile Iron (DI) pipe shall be considered after the submission of required test/pass certificates approved by manufacturer and other certificates as needed by the client if any.

**(2) Payment deduction on surplus pipe & Fittings**

**i)** Any Surplus pipe quantities after the completion of works and deemed necessary for future use by the Water Supply Users committee (WSUC) and the Engineer shall be paid for at a rate lower



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by 6% for HDPE Pipes, lower by 2.5% for DI Pipes and lower by 8.5% for GI Pipes of the supply, laying and jointing rates of those respective pipe types quoted in the BOQ

ii) Similarly, any surplus pipe fitting/valves and meter quantities after the completion of works and deemed necessary for future use by the Water Supply Users committee (WSUC) and the Engineer shall be paid for at a rate lower by 5% for PE fittings, lower by 9% for DI/CI fittings, lower by 3% for GI fittings and lower by 2.5% for valves and meter of the supply, laying and installation rates of those respective fitting/valves and meter types quoted in the BOQ, Pipes of the supply, laying and jointing rates of those respective pipe types quoted in the BOQ

The interim payment made to the contractor under Clause 14.2 and 14.7 of the condition of contract and any other amounts are advanced payments. Only the payment made under final payment certificate is considered as payment for the permanent Works completed. If at any time, prior to the issue Defects Liability certificate, the quality or quantity of the works found to be unsatisfactory or do not confirm to the requirement of the Contract, the Engineer is entitled to deduct or withhold the amount sufficient to remedy such unsatisfactory works, from the successive interim or other payments to the Contractor.

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**Government of Nepal**
**Ministry of Infrastructure Development**
**Department of Water Supply and Sewerage Management**
**Water Supply and Sewerage Management Office**
**Biratnagar**

## Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| **A** | **Provisional Sum** | | | | | | |
| 1 | Insurance for the loss of damage and personal injury or death and as stipulated in contract Data | ps | 1.00 | 1500000.00 | Fifteen Lakh Only | 1500000.00 | |
| 2 | Item not covered by BOQ (Provisional) | ps | 1.00 | 1000000.00 | Ten Lakh Only | 1000000.00 | |
| 3 | Provide payment for easements like temporary way-leaves, access cost, and for crop compensation in the area of permanent works | ps | 1.00 | 200000.00 | Two Lakh Only | 200000.00 | |
| 4 | Diversions of utilites and provision of temporary services. Provide payments to other statutory undertakes for diverting electricity, telecommunications water supply traffic control and vechicular access and other services | ps | 1.00 | 200000.00 | Two Lakh Only | 200000.00 | |
| 5 | Dewatering and diversion including coffer dam making works with necessary equipments, pumps, fuel, lubricants, operation personnel for entire project area and period | ps | 1.00 | 200000.00 | Two Lakh Only | 200000.00 | |
| 6 | Supply, installation, testing and commissioning of complete automation system for the existing water supply system. The work shall include integration with the existing electrical and water supply system, programming, testing, commissioning and handing over of the complete functional system, including all necessary minor materials and works. | ps | 1.00 | 1000000.00 | Ten Lakh Only | 1000000.00 | |
| 7 | Provide to execute all necessary Environmental Mitigation Measures(including gardening, beautification works) during the entire construction period as per the instruction and approval of the engineer and as recommended in the Report | ps | 1.00 | 500000.00 | Five Lakh Only | 500000.00 | |
| | **Sub Total A** | | | | | **4600000.00** | |

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# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| **B** | **Civil Works** | | | | | | |
| 8 | Provide survey equipments of types and numbers as specified, for the Engineer's requirement, maintenance of them, including services of adequate number of survey assistants and labourers for all the sites for the period of the Contract as per Specification. | months | 30.00 | | | | |
| 9 | Provide safety equipment for the Engineer's at each of the site offices of the types and number specified for the period of the Contract as per Specification. | months | 30.00 | | | | |
| 10 | Provide photographs (Digital Pendrive) and colour prints, sized A4, 24 nos., each month for inclusion in peroidic progress report/IPC to the satisfaction of the engineer. | months | 30.00 | | | | |
| 11 | Provide and maintain cube testing facilities including moulds for the duration of the contract and preparation and testing of cubes, marking, curing, storing and transport to lab for tests and maintain full records (Equipment and moulds to remain in the contractor's property), Paid as number of cubes for all complete work as per direction of Engineer. | no. | 150.00 | | | | |
| 12 | Testing and Comensing of entire system for seven days for entire networks and structure | ls | 1.00 | | | | |
| 13 | Conducting joint survey and site inspection for verification of existing water supply system, including existing and new pipelines, pumps, tanks, valves, electrical/control systems and other related installations; taking necessary measurements, identifying existing conditions, and preparing/confirming required details for execution of the proposed works all complete as per satisfaction of engineer. | job | 1.00 | | | | |
| 14 | Prepare as built drawing in appropirate GIS format, Autocad drawing all complete and submit as per requirement and satisfaction of engineer | ls | 1.00 | | | | |

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# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 15 | Earthwork in excavation Hard/BM soil by using machine and manual in foundation trenches, pits, raft, etc. including dressing of sides, ramming of bottom, watering & lift upto 2 meter, stacking of excavated materials at least 4 meter clear from the edge of excavation and backfilling the stacked soil in 150 mm layers where required in plinth under floor, sides of foundation, laying & disposing the layer by properly watering, ramming & then disposing of all surplus excavated soil as directed within 30 mtr. distance from the edge of the building all complete as per drawing, specification and instruction of engineer. | m3 | 2881.41 | | | | |
| 16 | Filling with sand brought from outside in 150 mm thick layers under floors foundation etc. including the cost of watering, ramming, dressing etc. all complete as per drawing, specification & approval of engineer. | m3 | 22.10 | | | | |
| 17 | Earthwork in filling in floor in perfect line and level with materials from associated excavation including machine compaction in 150 mm layers without sprikling water required to obtain 90% density as per drawing, specification and approval of engineer. | m3 | 51.56 | | | | |
| 18 | Earthwork in filling in floor in perfect line and level with hard soil including machine compaction in 150 mm layers without sprikling water required to obtain 90 % density as per drawing, specification and approval of engineer | m3 | 1.24 | | | | |
| 19 | Supplying & Laying dry Stone soling in foundation trenches with bond stone blinding in perfect line & level all complete as per drawing, specification and instruction of engineer | m3 | 13.00 | | | | |

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 20 | Supplying & Laying Stone Masonry in 1:4 cement mortar with bond stone blinding in perfect line & level all complete as per drawing, specification and instruction of engineer | m3 | 13.80 | | | | |
| 21 | Supplying & Laying dry Stone Masonry with bond stone blinding in perfect line & level all complete as per drawing, specification and instruction of engineer. | m3 | 9.80 | | | | |
| 22 | Supplying mixing, placing, compacting plain/reinforced cement concrete of M15 (1:2:4 mix) (1 cement : 2 sand : 4 aggregate 20 mm and down well graded) excluding the cost of reinforcement bars & formwork as per drawing, specification and instruction of engineer all complete. | m3 | 49.96 | | | | |
| 23 | Supplying, mixing, placing, compacting & curing different mixes of plain cement concrete for foundation bases & floors excluding the cost of formwork & reinforcement bars, as per drawing, specification & instruction of engineer all complete; a) M20 (1:1.5:3 mix) (1 cement :1.5 sand : 3 aggregate 20 mm and down well graded) | m3 | 196.26 | | | | |
| 24 | Providing, placing, fixing centering and shuttering of plywood or steel form work for slabs, walls, columns, lintel and beams (with necessary provision of extension of reinforcement of wall ties) and other RCC works including nails, propping supports and bracings of steel pipes including lead & lift at any height & removal and disposal of the same all complete as per specification & approval of engineer | m2 | 512.33 | | | | |
| 25 | Supplying, fixing, cutting, bending, binding and placing in position steel reinforcement bar including the cost of 14 gauge galvanized iron binding wire all complete as per drawing, specification and instruction of engineer. | kg. | 5677.10 | | | | |

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 26 | Providing and Laying dry flat brick soling with sand in foundation and floors with first class made bricks in true line and level including watering and ramming all complete as per drawing, specification and instruction of engineeer | m2 | 482.96 | | | | |
| 27 | Providing and Laying dry brick soling with sand on edge in foundation and floors with first class made bricks in true line and level including watering and ramming all complete as per drawing and specification and instruction of engineeer | m2 | 17.56 | | | | |
| 28 | Providing & laying brick masonary using first class chimney made bricks with 1:6 cement sand mortar including scaffolding, curing, cleaning, and racking out mortar joints& making ducts, recesses where required as per drawing, specification & approval of engineer | m3 | 0.98 | | | | |
| 29 | Providing & Laying First class (Chimeney made) brick masonry work with 1:4 cement sand mortar excluding the cost of reinforcement bar including lead upto 30 m, lift upto 18mtr. with scaffolding curing etc. as per drawing, specification & instruction of engineer all complete | m3 | 357.73 | | | | |
| 30 | Providing and application of two or more coats of exterior weather guard paint over one one coat of apex primer of approved brand and colour on exterior fair face wall surface including existing OHT and other structure too to give even and uniform shade all complete as per drawing, specification and approval of engineer. | m2 | 7767.05 | | | | |
| 31 | Providing and application of two or more coats of Synthetic Enamel paint over timber/metal surface including one coat of primer to give even and uniform shade all complete as per drawing, specification and instructions of engineer | m2 | 339.97 | | | | |

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 32 | Providing and laying 12.5 mm thick outside cement plaster in (1:4) cement sand mortar all complete as per drawing, specification and instructions of engineer | m2 | 2349.83 | | | | |
| 33 | Providing and laying 12.5mm thick cement plaster (1:3) inside water tank with water proofing chemical all complete as per drawing, specification & instruction of engineer | m2 | 107.53 | | | | |
| 34 | 3 mm thick Net Punning work in cement (1:1) inside water tank all complete as per drawing, specification & instruction of engineer | m2 | 170.54 | | | | |
| 35 | Providing & Fixing in position well seasoned, dressed Sal Timber for Doors, Windows, Ventilators frame fixed with 6 nos. 300 x 20 x 6 mm long MS Holdfast with screw excluding the cost of 1:2:4 (300 x 100x 100 mm) concrete block all complete as per drawings, specification and instruction of engineer | m3 | 1.49 | | | | |
| 36 | Providing & Fixing 38x75 mm size frame fully panelled glazed window shutter made of well seasoned Sal wood including 2 nos. of 150 mm zinc coated Hinges in each leaf of shutter (150 mm & 300 mm in each leaf) heavy quality aluminium matt finish (super) tower bolts, handles (150 mm) all complete as per drawings, specification and instruction of engineer | m2 | 21.71 | | | | |
| 37 | Providing & Fixing 38mm thick fully panelled door shutter made of well seasoned Sal wood including 3 nos. of 150mm zinc coated Hinges in each leaf of shutter (150mm & 300mm in each leaf) heavy quality alumnium matt finish (super) tower bolts, handles (150mm), door stoppers, lock etc. all complete as per drawing, specification & instruction of engineer. | m2 | 13.39 | | | | |

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 38 | Providing & Fixing in fly wire shutters as per drawing including 32mm seasoned Sal timber framing with 3 nos. of 130mm heavy quality Zinc Powder coated Hinges, aluminium tower bolts(super) Eye Hook (heavy quality) including all complete as per drawing, specification & instruction of engineer. | m2 | 21.62 | | | | |
| 39 | Providing and fixing 26 gauge C.G.I sheet (colour) fixed on roof/and for fencing in perfect line & level including the cost of 'J' hook (8mm), limpit washer, bitumen washer, etc. all complete as per drawing, specification and approval of engineer | m2 | 36.11 | | | | |
| 40 | Supplying of 40mm dia. ms tubular pipe, purlins, rafter, etc. all complete as per drawing, specification and instruction of engineer | m | 14.00 | | | | |
| 41 | Installation and anchoring of pipe, purlins, rafter, etc. fixed on roof including the cost of gussett plate, bolt, nuts, welding, cutting, etc. with one coat of primer all complete as per drawing, specification and instruction of engineer | ls | 1.00 | | | | |
| 42 | Electrification works(Wiring, Switch board, Power Socket, Main switch, Fans, Bulbs with holders, inside outside complete electrification works all complete as per drawing, specification and instruction of engineer for Office building, | ls | 1.00 | | | | |
| 43 | Supplying and fabricating 4.5x20 mm thick mild steel MS grill, truss, MS angle section fixed in position with one coat of red oxide paint to metal surface all complete as per drawing and specification and instruction of engineer | m2 | 15.71 | | | | |

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 44 | Supply, fabrication and fixing of mild steel angle of size 50 mm × 50 mm × 5 mm on the top of brick posts, including cutting, drilling, welding, alignment, anchoring/fastening, surface preparation, one coat of approved primer and finishing coat, and all necessary engineering works, all complete as per drawings and engineer's instructions. | m | 159.60 | | | | |
| 45 | Supply, fabrication of stainless steel 50mm hand rail, 20mm 3 line in middel, 40mm verticle post, 75mm boluster pipe railing, height 90cm as per drawing, specification and instruction of engineer | rft | 25.00 | | | | |
| 46 | Supplying, fabricating & errecting of tubular pipe, purlins, rafter, etc. fixed on roof including the cost of gussett plate, bolt, nuts, welding, cutting, etc. with one coat of primer all complete as per drawing & specification. | kg. | 654.12 | | | | |
| 47 | Providing, supplying, and installing an Orissa pattern toilet pan (size: 18 inch), complete with all standard matching accessories as per architectural layouts. | set | 1.00 | | | | |
| 48 | Providing, supplying, and fixing a porcelain glazed wash basin (size: 12" x 18"), including necessary brackets, waste coupling, and fixtures. | set | 1.00 | | | | |
| 49 | Providing and installing a fiberglass low-level flushing cistern, inclusive of all internal mechanism components, flush pipe, and wall fittings. | set | 1.00 | | | | |
| 50 | Supply and transportation of all ancillary pipe fittings, materials, and internal jointing components to the location as per the strict directions of the site Engineer. | job | 1.00 | | | | |
| 51 | Carrying out all necessary internal plumbing work in the toilet and bathroom, including laying out pipework connections and required sanitary fittings plumbing work in toilet and bathroom | ls | 1.00 | | | | |

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 52 | Providing and laying ceramic/vitrified floor tiles in the toilet and bathroom, laid over a bed of cement mortar, jointed with matching neat cement slurry or grout and glazed wall tiles (dado) up to lintel/specified height in the toilet and bathroom, fixed with approved adhesive or cement mortar, including grouting joints. | m2 | 17.10 | | | | |
| 53 | Land Scaping around building, generator shed as per drawing, direction of site engineer | job | 1.00 | | | | |
| 54 | Supply and fixing of four horizontal lines of galvanized barbed wire fencing including cutting, stretching, tensioning, tying/fixing with all complete as per drawings, specifications and Engineer's instructions. | m | 1600.00 | | | | |
| 55 | Supply & installation of iron gate including painting(50kg/Sqm) all complete as per drawing, specification and as instructed by the engineer with all lead and lift for complete work | m2 | 6.00 | | | | |
| 56 | Supply and fixing of Collapsible grill gate for generator shade as per drawings, specifications and instruction of engineer | kg. | 275.00 | | | | |
| 57 | Supply and fixing of MS 600 mm dia. Manhole Cover with locking set all complete as per drawing and specification and instruction of engineer | set | 20.00 | | | | |
| 58 | Installation of Valves, Pipes, Manhole cover all complete per drawing and specification and instruction of engineer | job | 20.00 | | | | |
| 59 | Installation of pipes and fittings for Air Valve all complete per drawing and specification and instruction of engineer | job | 2.00 | | | | |
| 60 | Procurement, Supply and Installation of 160 mm dia PN6 HDPE pipe for surface valve box, as per drawings specificaition and instruction of engineer | m | 208.00 | | | | |
| 61 | Procurement, Supply and Installation 160mm dia. CI Road Surface Valve Box as as per drawings specificaition and instruction of engineer | set | 260.00 | | | | |

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 62 | Placing of CI Road surface valve box casted on RCC block with 160 dia. PE pipe as per drawing and specification | no. | 260.00 | | | | |
| 63 | Provide 25mm dia.x1500mm long GI Valve Key as per drawing and specification | no. | 260.00 | | | | |
| 64 | Installation of Pipes and fittings for Crossings as per drawing, specification and and instruction of engineer | no. | 20.00 | | | | |
| 65 | Dismantling of RCC Works in road crossing including disposal of material from the construction area | m3 | 120.00 | | | | |
| 66 | Dismantling of flexible pavements and disposal of dismantled Material up to a lead of 1000 metres, stacking serviceable and unserviceable material separately.(Bituminous course) | m3 | 360.00 | | | | |
| 67 | Providing, laying and spreading Material on a prepared sub grade, adding the designed quantity of cement to the spread Material, mixing in place , grading and compacting at OMC to achieve the desired unconfined compressive strength and to form a layer of sub-base/base as per Drawing and Technical Specifications. | m3 | 180.00 | | | | |
| 68 | Crusher Run Macadam : Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of sub-base/Base course as per Drawing and Technical Specifications. (For 45 mm maximum size) | m3 | 180.00 | | | | |
| 69 | Providing and applying tack coat with hot Bitumen at specified rate on the prepared non bituminous surfaces including cleaning as per Technical Speciation .(Tack coat with bitumen by mechanical means) | litr. | 1200.00 | | | | |

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Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 70 | Prime Coat, with MC 30 / 70 by Mechanical Means : Providing and applying prime coat with hot bitumen ( including appropriate cutter) on prepared surface of granular base including cleaning of road surface and spraying by mechanical means as per the Technical Specification.(1 Sq.m. = 1 liter) | litr. | 1200.00 | | | | |
| 71 | Providing and laying open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates as wearing course on a previously prepared base as per drawing and Technical Specifications (by Manual Means). | m3 | 7.20 | | | | |
| 72 | Supplying of 30 cm dia. Hume pipe NP3 with laying and joining for pipe crossing all complete | rm | 200.00 | | | | |
| 73 | Supply, installation of HDP Saddle as appropriate size(for average 90 mm is taken) for house connection as per specification and instruction of engineer | no. | 2000.00 | | | | |
| 74 | Supply, installation of 1/2" GM Brass Ferrule for house connection as per specification and instruction of engineer | no. | 2000.00 | | | | |
| 75 | Supply, installation of 1/2" GI Pipe Medium Class for house connection as per drawing, specification and instruction of engineer | m | 2400.00 | | | | |
| 76 | Supply, installation of 1/2" Water meter for house connection as per drawing, specification and instruction of engineer | no. | 2000.00 | | | | |
| 77 | Supply, installation of 1/2" GI Elbow for house connection as per drawing, specification and instruction of engineer | no. | 16000.00 | | | | |
| 78 | Supply, installation of 1/2" GI Socket for house connection as per drawing, specification and instruction of engineer | no. | 2000.00 | | | | |
| 79 | Supply, installation of 1/2" GI Union for house connection as per drawing, specification and instruction of engineer | no. | 6000.00 | | | | |

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 80 | Supply, installation of 1/2" Brass Globe Valve for house connection as per drawing, specification and instruction of engineer | no. | 2000.00 | | | | |
| 81 | Supply, installation of 1/2" GI Nipple-2" long for house connection as per drawing, specification and instruction of engineer | no. | 4000.00 | | | | |
| 82 | Supply, installation of 1/2" GI Nipple-6" long for house connection as per drawing, specification and instruction of engineer | no. | 16000.00 | | | | |
| 83 | Supply, installation of 1/2" GI Nipple-12" long for house connection as per drawing, specification and instruction of engineer | no. | 2000.00 | | | | |
| 84 | Supply, installation of 1/2" Brass Bib Cock for house connection as per drawing, specification and instruction of engineer | no. | 2000.00 | | | | |
| 85 | Supply, laying, jointing of PN 20/16 HDPE pipe for house connection as per drawing, specification and instruction of engineer | m | 20000.00 | | | | |
| 86 | Supply, installation of 80mm dia GI Pipe MC as per specification, instruction of engineer for fire hydrant | m | 30.00 | | | | |
| 87 | Supply 80mm dia GI equal Tee as per specification, instruction of engineer for fire hydrant | nos. | 10.00 | | | | |
| 88 | Supply 80mm dia Flange set as per specification, instruction of engineer for fire hydrant | nos. | 10.00 | | | | |
| 89 | Supply 80mm dia GI union as per specification, instruction of engineer for fire hydrant | nos. | 10.00 | | | | |
| 90 | Supply 80mm dia GI nipple as per specification, instruction of engineer for fire hydrant | nos. | 20.00 | | | | |
| 91 | Supply 80mm dia Gate valve as per specification, instruction of engineer for fire hydrant | nos. | 10.00 | | | | |
| 92 | Supply 80mm dia GI Elbow as per specification, instruction of engineer for fire hydrant | nos. | 10.00 | | | | |

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Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 93 | Supply 80mm dia GI Flange set with Nut bolt & washer as per specification, instruction of engineer for fire hydrant | nos. | 10.00 | | | | |
| 94 | Supply DN 80 post Fire Hydrant per specification, instruction of engineer for fire hydrant | nos. | 10.00 | | | | |
| 95 | Supply 80mm dia GI flange set with Nut bolt & washer as per specification, instruction of engineer for fire hydrant | nos. | 10.00 | | | | |
| 96 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia GI Pipe | m | 30.00 | | | | |
| 97 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia GI equal Tee | nos. | 10.00 | | | | |
| 98 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia Flange set | nos. | 10.00 | | | | |
| 99 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia GI union | nos. | 10.00 | | | | |
| 100 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia GI nipple | nos. | 20.00 | | | | |
| 101 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia Gate valve | nos. | 10.00 | | | | |
| 102 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia GI Elbow | nos. | 10.00 | | | | |
| 103 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia DI flange | nos. | 10.00 | | | | |
| 104 | Installation of Pipes and Fittings of Fire Hydrant DN 80 post Fire Hydrant | nos. | 10.00 | | | | |
| 105 | Installation of Pipes and Fittings of Fire Hydrant 80mm dia GI Flange set with Nut bolt & washer all complete | nos. | 10.00 | | | | |
| 106 | Supply, installation of stainless steel metallic pall rings packing 16 mm x 16 mm x 0.30 mm in aeration tower all complete as per drawing, specification and instruction of engineer | m3 | 4.06 | | | | |

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|---|---|---|---|---|---|---|---|
| 107 | Supplying and installation of multigrade filter media Filter sand (Effective size 0.2-0.3 mm & Cu=5) as per specification and instruction of engineer | m3 | 11.70 | | | | |
| 108 | Supplying and installation of multigrade filter media 2-6 mm gravel as per specification and instruction of engineer | m3 | 3.70 | | | | |
| 109 | Supplying and installation of multigrade filter media 6-12 mm gravel as per specification and instruction of engineer | m3 | 3.70 | | | | |
| 110 | Supplying and installation of multigrade filter media 12-20 mm gravel as per specification and instruction of engineer | m3 | 3.70 | | | | |
| 111 | Supplying and installation of multigrade filter media 20-50 mm gravel as per specification and instruction of engineer | m3 | 3.70 | | | | |
| 112 | Supplying and installation of multigrade filter media MnO2 coated sand as per specification and instruction of engineer | m3 | 2.10 | | | | |
| 113 | Supply, installation, testing and commissioning of 25 HP (18.5 kW) submersible pump set, complete with submersible motor, pump, control panel/starter, necessary cables, lifting arrangement, delivery pipe connection, accessories and all other components required for a complete and operational installation, as per approved specifications and engineer's recommendations. | set | 4.00 | | | | |
| 114 | Procurement, Supply and Installation of 150 mm CI/DI Flow Meter as per drawings, specifications and instructions of engineer | no. | 3.00 | | | | |
| 115 | Procurement, Supply and Installation of 250 mm CI/DI Flow Meter as per drawings, specifications and instructions of engineer | no. | 2.00 | | | | |
| 116 | Procurement, Supply and Installation of 3 ton chain pully with 6 m chain as per drawings specifications and instructions of engineer | no. | 1.00 | | | | |

टिका बहादुर चौधरी
कार्यालय प्रमुख

# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 117 | Procuremen, supply, laying, testing and commissioning of 75 mm² XLPE insulated, PVC sheathed, armoured power cable, complete with all necessary accessories, glands, lugs, termination and installation as required, in accordance with specifications and applicable standards of NEA | m | 250.00 | | | | |
| 118 | Procurement, Supply and Installation of Transformer, 11/0.4KV, 200 KVA as per drawings, specifications and instruction of engineer | set | 1.00 | | | | |
| 119 | Supply, Installation of 11/0.4kV 100 kVA Distribution Transformer with DO, Lightning arrester and earthing set all complete as per drawings, specifications and instruction of engineer. | nos. | 1.00 | | | | |
| 120 | Transportation of transformer from market to siteas per drawings, specifications and instruction of engineer. | nos. | 1.00 | | | | |
| 121 | Supply of 75/10 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 7626.00 | | | | |
| 122 | Supply of 90/6 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 5587.00 | | | | |
| 123 | Supply of 110/6 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 4373.00 | | | | |
| 124 | Supply of 125/6 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 5113.00 | | | | |
| 125 | Supply of 140/6 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 2297.00 | | | | |

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# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 126 | Supply of 200/6 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 176.00 | | | | |
| 127 | Supply of 250/6 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 50.00 | | | | |
| 128 | Supply of 50/10 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 86362.00 | | | | |
| 129 | Supply of 63/10 HDPE-PE Pipe as per specification, transportation upto the site and stacking appropriately all complete including testing, storing and other site specific work | m | 38931.00 | | | | |
| 130 | Supply, installation of fittings as per specification, including transportation/storing work- Gate Valve 40 mm dia (NS 149-2044) | pc. | 252.00 | | | | |
| 131 | Supply, installation of fittings as per specification, including transportation/storing work- Gate Valve 50 mm dia (NS 149-2044) | pc. | 156.00 | | | | |
| 132 | Supply, installation of fittings as per specification, including transportation/storing work- Gate Valve 65 mm dia (NS 149-2044) | pc. | 45.00 | | | | |
| 133 | Supply, installation of fittings as per specification, including transportation/storing work- Gate Valve 80 mm dia (NS 149-2044) | pc. | 33.00 | | | | |
| 134 | Supply, installation of fittings as per specification, including transportation/storing work- Gate Valve 100 mm dia (NS 149-2044) | pc. | 36.00 | | | | |
| 135 | Supply, installation of fittings as per specification, including transportation/storing work- Gate Valve 125 mm dia (NS 149-2044) | pc. | 57.00 | | | | |
| 136 | Supply, installation of fittings as per specification, including transportation/ storing work- DI Double Flanged Butterfly Valve 200mm dia. | pc. | 2.00 | | | | |

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कार्यालय प्रमुख

# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 137 | Supply, installation of fittings as per specification, including transportation/storing work- GI Nipple 40 mm dia (4-inches long) | pc. | 252.00 | | | | |
| 138 | Supply, installation of fittings as per specification, including transportation/storing work- GI Nipple 50 mm dia (4-inches long) | pc. | 156.00 | | | | |
| 139 | Supply, installation of fittings as per specification, including transportation/storing work- GI Nipple 65 mm dia (4-inches long) | pc. | 45.00 | | | | |
| 140 | Supply, installation of fittings as per specification, including transportation/storing work- GI Nipple 100 mm dia (4-inches long) | pc. | 36.00 | | | | |
| 141 | Supply, installation of fittings as per specification, including transportation/storing work- GI Nipple 80 mm dia (4-inches long) | pc. | 33.00 | | | | |
| 142 | Supply, installation of fittings as per specification, including transportation/storing work- GI Nipple 125 mm dia (4-inches long) | pc. | 57.00 | | | | |
| 143 | Supply, installation of fittings as per specification, including transportation/storing work- GI Union 40 mm dia | pc. | 756.00 | | | | |
| 144 | Supply, installation of fittings as per specification, including transportation/storing work- GI Union 50 mm dia | pc. | 468.00 | | | | |
| 145 | Supply, installation of fittings as per specification, including transportation/storing work- GI Union 65 mm dia | pc. | 135.00 | | | | |
| 146 | Supply, installation of fittings as per specification, including transportation/storing work- GI Union 80 mm dia | pc. | 99.00 | | | | |
| 147 | Supply, installation of fittings as per specification, including transportation/storing work- GI Union 100 mm dia | pc. | 108.00 | | | | |
| 148 | Supply, installation of fittings as per specification, including transportation/storing work- GI Union 125 mm dia | pc. | 171.00 | | | | |
| 149 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 63 mm x 50 mm dia | pc. | 136.00 | | | | |

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कार्यालय प्रमुख

# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 150 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 75 mm x 63 mm dia | pc. | 13.00 | | | | |
| 151 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 75 mm x 50 mm dia | pc. | 35.00 | | | | |
| 152 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 90 mm x 75 mm dia | pc. | 1.00 | | | | |
| 153 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 90 mm x 63 mm dia | pc. | 2.00 | | | | |
| 154 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 90 mm x 50 mm dia | pc. | 25.00 | | | | |
| 155 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 110 mm x 90 mm dia | pc. | 1.00 | | | | |
| 156 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 110 mm x 75 mm dia | pc. | 3.00 | | | | |
| 157 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 110 mm x 63 mm dia | pc. | 14.00 | | | | |
| 158 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 110 mm x 50 mm dia | pc. | 16.00 | | | | |
| 159 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 125 mm x 110 mm dia | pc. | 4.00 | | | | |
| 160 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 125 mm x 90 mm dia | pc. | 4.00 | | | | |
| 161 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 125 mm x 75 mm dia | pc. | 7.00 | | | | |
| 162 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 125 mm x 63 mm dia | pc. | 6.00 | | | | |

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# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 163 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 125 mm x 50 mm dia | pc. | 35.00 | | | | |
| 164 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 140 mm x 125 mm dia | pc. | 2.00 | | | | |
| 165 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 140 mm x 110 mm dia | pc. | 4.00 | | | | |
| 166 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 140 mm x 63 mm dia | pc. | 2.00 | | | | |
| 167 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 140 mm x 50 mm dia | pc. | 14.00 | | | | |
| 168 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 200 mm x 140 mm dia | pc. | 1.00 | | | | |
| 169 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 200 mm x 125 mm dia | pc. | 1.00 | | | | |
| 170 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 200 mm x 75 mm dia | pc. | 1.00 | | | | |
| 171 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 200 mm x 63 mm dia | pc. | 1.00 | | | | |
| 172 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 250 mm x 200 mm dia | pc. | 1.00 | | | | |
| 173 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Reducer 250mm x 140 mm dia | pc. | 1.00 | | | | |
| 174 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 50 mm dia. | pc. | 252.00 | | | | |
| 175 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 63 mm dia. | pc. | 278.00 | | | | |

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# Bill of Quantities(BoQ)

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Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 176 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 75 mm dia. | pc. | 82.00 | | | | |
| 177 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 90 mm dia. | pc. | 61.00 | | | | |
| 178 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 110 mm dia. | pc. | 67.00 | | | | |
| 179 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 125 mm dia. | pc. | 89.00 | | | | |
| 180 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 140 mm dia. | pc. | 31.00 | | | | |
| 181 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 200 mm dia. | pc. | 4.00 | | | | |
| 182 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Flang Set 250 mm dia. | pc. | 1.00 | | | | |
| 183 | Supply, installation of fittings as per specification, including transportation/storing work- DI Dismantling Joint, Dia 200 mm | pc. | 2.00 | | | | |
| 184 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE End Cap 50 mm dia | pc. | 48.00 | | | | |
| 185 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE End Cap 63 mm dia | pc. | 9.00 | | | | |
| 186 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE End Cap 75 mm dia | pc. | 2.00 | | | | |
| 187 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE End Cap 90 mm dia | pc. | 2.00 | | | | |
| 188 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE End Cap 110 mm dia | pc. | 2.00 | | | | |

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# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 189 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 50 mm dia | pc. | 155.00 | | | | |
| 190 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 63 mm dia | pc. | 117.00 | | | | |
| 191 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 75 mm dia | pc. | 34.00 | | | | |
| 192 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 90 mm dia | pc. | 27.00 | | | | |
| 193 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 110 mm dia | pc. | 31.00 | | | | |
| 194 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 125 mm dia | pc. | 43.00 | | | | |
| 195 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 140 mm dia | pc. | 17.00 | | | | |
| 196 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 200 mm dia | pc. | 1.00 | | | | |
| 197 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Tee 250 mm dia | pc. | 1.00 | | | | |
| 198 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Cross Tee 50 mm dia | pc. | 7.00 | | | | |
| 199 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Cross Tee 63 mm dia | pc. | 5.00 | | | | |
| 200 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Cross Tee 75 mm dia | pc. | 3.00 | | | | |
| 201 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Cross Tee 90 mm dia | pc. | 1.00 | | | | |

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कार्यालय प्रमुख

# Bill of Quantities(BoQ)

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Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 202 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Cross Tee 125 mm dia | pc. | 3.00 | | | | |
| 203 | Supply, installation of fittings as per specification, including transportation/storing work- HDPE Cross Tee 200 mm dia | pc. | 1.00 | | | | |
| 204 | Supply of tools and equipments as per specification and as directed by engineer-Adjustable Spanner 18" | no. | 4.00 | | | | |
| 205 | Supply of tools and equipments as per specification and as directed by engineer-Blow Torch | no. | 1.00 | | | | |
| 206 | Supply of tools and equipments as per specification and as directed by engineer-Building Trowel | no. | 4.00 | | | | |
| 207 | Supply of tools and equipments as per specification and as directed by engineer-Crowbar 1" x 5" | no. | 4.00 | | | | |
| 208 | Supply of tools and equipments as per specification and as directed by engineer-Die Set ½"-1" with teeth | set | 3.00 | | | | |
| 209 | Supply of tools and equipments as per specification and as directed by engineer-Die Set 1½"-2½" with teeth | set | 2.00 | | | | |
| 210 | Supply of tools and equipments as per specification and as directed by engineer-Die Teeth Oil with cane | lit. | 1.00 | | | | |
| 211 | Supply of tools and equipments as per specification and as directed by engineer-Hacksaw Blade | doz. | 15.00 | | | | |
| 212 | Supply of tools and equipments as per specification and as directed by engineer-Hacksaw Frame | no. | 5.00 | | | | |
| 213 | Supply of tools and equipments as per specification and as directed by engineer-Heating Plate (100 mm dia.) | no. | 1.00 | | | | |
| 214 | Supply of tools and equipments as per specification and as directed by engineer-Hoe | no. | 8.00 | | | | |

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कार्यालय प्रमुख

# Bill of Quantities(BoQ)

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Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 215 | Supply of tools and equipments as per specification and as directed by engineer-Iron Brush | no. | 3.00 | | | | |
| 216 | Supply of tools and equipments as per specification and as directed by engineer-Iron Pan (medium size) | no. | 6.00 | | | | |
| 217 | Supply of tools and equipments as per specification and as directed by engineer-Measuring Tape 30 m. | no. | 2.00 | | | | |
| 218 | Supply of tools and equipments as per specification and as directed by engineer-Pick Axe | no. | 5.00 | | | | |
| 219 | Supply of tools and equipments as per specification and as directed by engineer-Pipe Wrench 14" | no. | 3.00 | | | | |
| 220 | Supply of tools and equipments as per specification and as directed by engineer-Pipe Wrench 18" | no. | 3.00 | | | | |
| 221 | Supply of tools and equipments as per specification and as directed by engineer-Pipe Wrench 24" | no. | 3.00 | | | | |
| 222 | Supply of tools and equipments as per specification and as directed by engineer-Pipe Wrench 36" | no. | 3.00 | | | | |
| 223 | Supply of tools and equipments as per specification and as directed by engineer-Pipe Wrench 48" | no. | 3.00 | | | | |
| 224 | Supply of tools and equipments as per specification and as directed by engineer-Chain wrench 36" | no. | 3.00 | | | | |
| 225 | Supply of tools and equipments as per specification and as directed by engineer-Pipe cutter 2" | no. | 3.00 | | | | |
| 226 | Supply of tools and equipments as per specification and as directed by engineer-Pointing Trowel | no. | 1.00 | | | | |
| 227 | Supply of tools and equipments as per specification and as directed by engineer-Shovel | no. | 10.00 | | | | |

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# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 228 | Supply of tools and equipments as per specification and as directed by engineer-Sledge Hammer 10 lbs | no. | 4.00 | | | | |
| 229 | Supply of tools and equipments as per specification and as directed by engineer-Spare Die Teeth (½"-1½") | set | 2.00 | | | | |
| 230 | Supply of tools and equipments as per specification and as directed by engineer-Stone Chisel 1" x 12" | no. | 2.00 | | | | |
| 231 | Supply of tools and equipments as per specification and as directed by engineer-Stone Chisel 1" x 6" | no. | 2.00 | | | | |
| 232 | Supply of tools and equipments as per specification and as directed by engineer-Teflon cover | m2 | 0.50 | | | | |
| 233 | Supply of tools and equipments as per specification and as directed by engineer-Thermocrome Crayon | no. | 3.00 | | | | |
| 234 | Supply of tools and equipments as per specification and as directed by engineer-Chain pully 5 ton | no. | 1.00 | | | | |
| 235 | Supply of tools and equipments as per specification and as directed by engineer-Tools Box with locking set | no. | 2.00 | | | | |
| 236 | Earthworks in excavation and refilling by combined mechanical & manual means for all type of soil for laying of pipeline as per drawing, specification and instruction of engineer | m3 | 64363.55 | | | | |
| 237 | Supply, installation, testing and commissioning of a complete water quality testing laboratory, including laboratory workbench, sink, water supply and drainage connections, electrical points, testing instruments, glassware, reagents, safety equipment and all necessary accessories for routine physical, chemical and microbiological analysis of water, complete in all respects as per approved specifications and applicable standards | set | 1.00 | | | | |

टिका बहादुर चौधरी
कार्यालय प्रमुख

# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 238 | Supply, installation, testing and commissioning of digital water meter reading device, suitable for accurate measurement and recording of water consumption, complete with display unit, communication/data logging facility, power supply/battery, necessary accessories and all components required for proper operation, as per approved specifications and engineer's recommendations | no. | 1.00 | | | | |
| 239 | Supply of heavy-duty mechanical jack of suitable capacity for lifting and maintenance of pumps, motors and other mechanical equipment, complete with lifting mechanism, handle, base and all necessary accessories, as per approved specifications and engineer's recommendations | no | 1.00 | | | | |
| 240 | Dismantling and removal of existing filter media from treatment units, cleaning and preparation of filter beds, supply and placement of new approved filter media of specified grade, size and thickness, including graded gravel/support media, leveling, washing, backwashing and all necessary labour, tools, equipment, handling and disposal of old media, complete in all respects as per approved specifications and Engineer's instructions. | job | 1.00 | | | | |
| 241 | Supply, washing, grading and placement of approved filter sand media suitable for water treatment filtration units, conforming to the specified effective size, uniformity coefficient, specific gravity and other required characteristics, including transportation, handling, leveling and all necessary labour, tools and equipment, complete as per approved specifications and Engineer's instructions. | m3 | 8.58 | | | | |

टिका बहादुर चौधरी
कार्यालय प्रमुख

# Bill of Quantities(BoQ)

FY:- 2083/084

Contract No.:- 03/83-84/CFWSP-Chandragadhi/WSSMO_Brt
Name of Project:- Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa
Name of Work:- Entire Construction Works of Chandragadhi Co-Financing Water Supply Project, Bhadrapur Municipality- 7,8,9,10 Jhapa

| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 242 | Supply, washing, grading and placement of approved filter gravel media for water treatment filtration units, of specified size, quality and layer thickness, including transportation, handling, leveling and all necessary labour, tools and equipment, complete in accordance with approved specifications and Engineer's instructions. | m3 | 2.45 | | | | |
| 243 | Supply, installation, testing and commissioning of 200 mm (8") pressure filter valve, suitable for water treatment pressure filtration system, complete with body, disc/plug, operating mechanism, flanges, gaskets, bolts, nuts and all necessary accessories, conforming to the specified pressure rating and applicable standards, complete as per approved specifications and Engineer's instructions. | no. | 10.00 | | | | |
| 244 | Carefully dismantling and demolition of the existing building, including walls, roofs, floors, doors, windows and other structural/non-structural components as directed, including necessary labour, tools, equipment, segregation and stacking of reusable materials, loading, transportation and disposal of demolition debris at an approved location, complete in all respects as per Engineer's instructions. | job | 1.00 | | | | |
| 245 | Laying and Jointing of HDPE-PE Pipe 50/10 all complete as per specification and instruction of engineer | m | 86362.00 | | | | |
| 246 | Laying and Jointing of HDPE-PE Pipe 63/10 all complete as per specification and instruction of engineer | m | 38931.00 | | | | |
| 247 | Laying and Jointing of HDPE-PE Pipe 75/10 all complete as per specification and instruction of engineer | m | 7626.00 | | | | |

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| S.N. | Description of Works | Unit | Qty. | Rates(NRs.) in Figures | Rate(NRs.) in Words | Amount(NRs.) | Remarks |
|---|---|---|---|---|---|---|---|
| 248 | Laying and Jointing of HDPE-PE Pipe 90/6 all complete as per specification and instruction of engineer | m | 5587.00 | | | | |
| 249 | Laying and Jointing of HDPE-PE Pipe 110/6 all complete as per specification and instruction of engineer | m | 4373.00 | | | | |
| 250 | Laying and Jointing of HDPE-PE Pipe 125/6 all complete as per specification and instruction of engineer | m | 5113.00 | | | | |
| 251 | Laying and Jointing of HDPE-PE Pipe 140/6 all complete as per specification and instruction of engineer | m | 2297.00 | | | | |
| 252 | Laying and Jointing of HDPE-PE Pipe 200/6 all complete as per specification and instruction of engineer | m | 176.00 | | | | |
| 253 | Laying and Jointing of HDPE-PE Pipe 250/6 all complete as per specification and instruction of engineer | m | 50.00 | | | | |
| | **Sub Total B** | | | | | | |
| | **Total Excluding PS Item** | | | | | | |
| | PS Item | | | | | 4600000.00 | |
| | **Total Price Including PS Item** | | | | | | |
| | Vat @ 13% | | | | | | |
| | **Grand Total Including PS & Vat** | | | | | | |

टिका बहादुर चौधरी
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