

BIDDING DOCUMENTS

Issued on: _____

For

ICB No: OSRP-CW- ICB-P04A1

[INTERNATIONAL COMPETITIVE BIDDING]

***Construction for Widening & Strengthening of
Existing Carriageway to 2-lane road from
Jagatpur to Nischintakoili***

(Km. 0/0 to Km. 25/0 of MDR)(Balance Works)

Project: Odisha State Roads Project

Volume-I

(Bidding Procedures)

Employer: Works Department, Government of Odisha,
Bhubaneswar, INDIA

Issue Date : August 12, 2015

Date: 07.08.2015

Loan N^o: IBRD 7577-IN

IFB N^o: PMU/WB/114/2015 - 32819

SPECIFIC PROCUREMENT NOTICE
INDIA
ODISHA STATE ROADS PROJECT
INTERNATIONAL COMPETITIVE BIDDING

1. The Government of Odisha through the Government of India has received loan from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of **Odisha State Roads Project**. It is intended that part of the proceeds of this loan will be applied to eligible payments under the contract for following Civil Works Packages.

2. The Chief Engineer, World Bank Projects, Odisha on behalf of the Government of Odisha now invites sealed bids from eligible bidders for the construction and completion of following Civil Works defined in the table below. ("the Works").

3. Bidding will be conducted through the International competitive bidding procedures specified in the World Bank's Guidelines: *Procurement under IBRD Loans and IDA credits, (May 2004)* and is open to bidders from all countries as defined in the guidelines.

4. Interested eligible bidders may obtain further information from and inspect the bidding documents at the address mentioned below.

5. A complete set of bidding document in English language may be purchased by the interested bidders at the address below on payment of a non-refundable fee as mentioned in the table below from **August 12, 2015**. A pre-bid meeting shall held on **August 31, 2015** in the office of the undersigned at 11.00 Hours.

The Bid Documents can be downloaded from <http://osrp.gov.in>. In case of downloaded document, the undersigned will not be held responsible if any portion of the bid document is modified / omitted and in such cases the original document kept with in the office of the undersigned shall prevail. Bid documents downloaded from the website, must be accompanied by a non-refundable fee of **Rs. 10,500/-** towards cost of bid document in shape of a demand draft from any scheduled Bank of India in favour of the undersigned payable at Bhubaneswar.

6. The provisions in the Instructions to Bidders and in the General Conditions of Contract are the provisions of the World Bank *Standard Bidding Documents: Procurement of Works*.

7. Bids must be delivered to the addressed below on or before **11.00 Hours on September 26, 2015** and must be accompanied by a security of amount mentioned against the work mentioned below. Late bids will be rejected.

8. Bids will be opened in the presence of bidders' representatives who choose to attend at **11:15 hours on September 26, 2015** in the *Ground Floor Conference Hall of the Chief Engineer, World Bank Projects, Odisha, India* at the address mentioned below.

TABLE

Sl.	Package No.	Description of Civil Works Package	Bid Document's Cost	BID Security
1	OSRP-CW-ICB-P04A1	Construction for Widening & Strengthening of existing carriageway to 2-lane road from Jagatpur to Nischintakoili (Km. 0/0 to Km. 25/0 of MDR)(Balance Works) Period of Completion - 18 Months	Rs. 10,500 (Rs. 10,000 + 5 % VAT)	Rs. 11.00 Million
2	OSRP-CW-ICB-P04A2	Construction for Widening & Strengthening of existing carriageway to 2-lane road from Nischintakoili to Duhuria (Km. 25/0 to Km. 49/0 of MDR)(Balance Works) Period of Completion - 18 Months	Rs. 10,500 (Rs. 10,000 + 5 % VAT)	Rs. 11.00 Million

(Er. Om Prakash Patel)

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PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders

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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 these Bidding Documents for the procurement of Works as specified in Section VI, Works Requirements. The name, identification, and number of lots (contracts) of the International Competitive Bidding (ICB) are provided in the BDS.
 - 1.2 Throughout these Bidding Documents:
 - (a) the term “in writing” means communicated in written form and delivered against receipt;
 - (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
 - (c) “day” means calendar day.
2. **Source of Funds**
 - 2.1 The Borrower or Recipient (hereinafter called “Borrower”) **indicated in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) toward the cost of the project **named in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract(s) for which these Bidding Documents are issued.
 - 2.2 Payments by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the financing agreement between the Borrower and the Bank (hereinafter called the Loan Agreement), and will be subject in all respects to the terms and conditions of that Loan Agreement. No party other than the Borrower shall derive any rights from the Loan Agreement or have any claim to the funds. The Loan Agreement prohibits a withdrawal from the loan account for the purpose of any payment to persons or entities, or for any import of equipment, plant, or materials, if such payment or import is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of

the United Nations.

3. Fraud and Corruption

3.1 It is the Bank's policy to require that Borrowers (including beneficiaries of Bank loans), as well as bidders, suppliers, and contractors and their agents (whether declared or not), personnel, subcontractors, sub-consultants, service providers and suppliers, under Bank-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. ¹In pursuance of this policy, the Bank:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

- (i) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party²;
- (ii) "fraudulent practice" 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;³
- (iii) "collusive practice" is an arrangement between two or more parties⁴ designed to achieve an improper purpose, including to influence improperly the actions of another party;
- (iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party⁵ or the property of the party to influence improperly the actions of a party;
- (v) "obstructive practice" is

¹In this context, any action taken by a bidder, supplier, contractor, or any of its personnel, agents, sub-consultants, sub-contractors, service providers, suppliers and/or their employees to influence the procurement process or contract execution for undue advantage is improper.

²"Another party" refers to a public official acting in relation to the procurement process or contract execution. In this context, "public official" includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

³"Party" refers to a public official; the terms "benefit" and "obligation" relate to the procurement process or contract execution; and the "act or omission" is intended to influence the procurement process or contract execution.

⁴"Parties" refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non competitive levels.

⁵"Party" refers to a participant in the procurement process or contract execution.

- (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 Bank 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
 - (bb) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under sub-clause 3.1(e) below.
- (b) 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 in competing for the contract in question;
- (c) will cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a beneficiary of the loan engaged in corrupt, fraudulent, collusive, or coercive practices during the procurement or the execution of that contract, without the Borrower having taken timely and appropriate action satisfactory to the Bank to remedy the situation; and
- (d) will sanction a firm or an individual, at any time, in accordance with prevailing Bank's sanctions procedures^a, including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated^b sub-contractor,

^a A firm or an individual may be declared ineligible to be awarded a Bank-financed contract upon completion of the Bank's sanctions proceedings as per its sanctions procedures, including inter alia: (i) temporary suspension in connection with an ongoing sanctions proceeding; (ii) cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks; and (iii) the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption.

^b A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one whichever has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that are accounted for in the evaluation of the bidder's pre-qualification application or the bid; or (ii) appointed by the Borrower.

consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract.

3.2 In further pursuance of this policy, Bidders shall permit the Bank to inspect any accounts and records and other documents relating to the Bid submission and contract performance, and to have them audited by auditors appointed by the Bank.

3.3 Furthermore, Bidders shall be aware of the provision stated in Sub-Clause 15.6 of the General Conditions.

4. Eligible Bidders

4.1 A Bidder may be a natural person, private entity, government-owned entity—subject to ITB 4.5—or any combination of such entities in the form of a joint venture or association (JVA) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture or association:

(a) **unless otherwise specified in the BDS**, all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms, and

(b) the JVA shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the partners of the JVA during the bidding process and, in the event the JVA is awarded the Contract, during contract execution.

4.2 A Bidder, and all partners constituting the Bidder, may have the nationality of any country as defined under the *Guidelines: Procurement under IBRD Loans and IDA Credits* (hereinafter referred to as the Guidelines), subject to the restrictions specified in 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, incorporated, or registered 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.

4.3 A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if :

(a) they have at least one controlling partner in common; or

(b) they receive or have received any direct or indirect

subsidy from any of them; or

- (c) they have the same legal representative for purposes of this bid; or
- (d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process; or
- (e) a Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which such Bidder is involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or
- (f) a Bidder participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the bid;
- (g) a Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Employer or Borrower as Engineer for the Contract implementation.

4.4 A Bidder that has been sanctioned by the Bank in accordance with the above ITB 3.1 (d), or in accordance with the Bank's Guidelines on Preventing and Combating Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants, shall be ineligible to be awarded a Bank-financed contract, or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall determine.

4.5 Government-owned entities in the Employer's country shall be eligible only if they can establish that they are legally and financially autonomous and operate under commercial law. Also, they shall not be dependent agencies of the Employer.

4.6 Bidders shall provide such evidence of their continued eligibility satisfactory to the Employer, as the Employer shall reasonably request.

4.7 Bidders shall be excluded if:

- (a) as a matter of law or official regulation, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the

supply of Works required; or

- (b) 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 Borrower's country prohibits any import of goods or contracting of Works or services from that country or any payments to persons or entities in that country.

- 4.8 This bidding is open only to prequalified Bidders unless an exception has been granted by the Bank, **as indicated in the BDS.**

5. Eligible Materials, Equipment, and Services

- 5.1 The materials, equipment and services to be supplied under the Contract and financed by the Bank may have their origin in any country subject to the restrictions specified in Section V, Eligible Countries, and all expenditures under the Contract will not contravene such restrictions. At the Employer's request, Bidders may be required to provide evidence of the origin of materials, equipment and services.

B. Contents of Bidding Documents

6. Sections of Bidding Documents

- 6.1 The Bidding Documents consist of Parts 1, 2, and 3, which include all the Sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 8.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Bid Data Sheet (BDS)
- Section III. Evaluation Criteria and Qualification Criteria
- Section IV. Bidding Forms
- Section V. Eligible Countries

PART 2 Works Requirements

- Section VI. Works Requirements

PART 3 Conditions of Contract and Contract Forms

- Section VII. General Conditions (GC)
- Section VIII. Particular Conditions (PC)
- Section IX. Annex to the Particular Conditions - Contract Forms

- 6.2 The Invitation for Bids issued by the Employer is not part of the Bidding Documents.
- 6.3 The Employer is not responsible for the completeness of the Bidding Documents 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 Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.
- 7. Clarification of Bidding Documents, Site Visit, Pre-Bid Meeting**
- 7.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Employer in writing at the Employer's address **indicated in the BDS** or raise his enquiries 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 no later than twenty-one (21) days prior to the deadline for submission of bids. 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 clarification result in changes to the essential elements of the Bidding Documents, the Employer shall amend the Bidding Documents 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 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 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, as far as possible, to submit any questions in writing, to reach the Employer not later than one week before the meeting.
- 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 Documents in accordance with ITB 6.3. Any modification to the Bidding Documents 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 Documents

- 8.1 At any time prior to the deadline for submission of bids, the Employer may amend the Bidding Documents by issuing addenda.
- 8.2 Any addendum issued shall be part of the Bidding Documents 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 should extend the deadline for the submission of bids, pursuant to ITB 22.2

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 not 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 Comprising the Bid

11.1 The Bid shall comprise the following:

- (a) Letter of Bid and Appendix to Bid
- (b) completed schedules as required, including priced Bill of Quantities, in accordance with ITB 12 and 14;
- (c) Bid Security, in accordance with ITB 19;
- (d) alternative bids, if permissible, in accordance with ITB 13;
- (e) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2;
- (f) documentary evidence in accordance with ITB 17 establishing the Bidder's continued qualified status or, if post-qualification applies, as indicated in accordance with ITB 4.8, the Bidder's qualifications to perform the contract if its Bid is accepted;
- (g) Technical Proposal in accordance with ITB 16; and
- (h) any other document required in the BDS.

11.2 In addition to the requirements under ITB 11.1, bids submitted by a JVA 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.

12. Letter of Bid and Schedules

12.1 The Letter of Bid and Schedules, including the Bill of Quantities, shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.2. All blank spaces shall be filled in with the information requested.

13. Alternative Bids

13.1 **Unless otherwise indicated 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 Except as provided under ITB 13.4 below, Bidders wishing to offer technical alternatives to the requirements of the Bidding Documents must first price the Employer's design as described in the Bidding Documents 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 lowest evaluated Bidder 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, and such parts **will be identified in the BDS**, as will the method for their evaluating, and described in Section VI, Work's Requirements.

14. Bid Prices and Discounts

14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Bill of Quantities shall conform to the requirements specified below.

14.2 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 Bid, in accordance with ITB 12.1, shall be the total price of the Bid, excluding any discounts offered.

14.4 The Bidder shall quote any unconditional discounts and the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.

14.5 **Unless otherwise provided in the BDS** and the Contract, the rates and 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. In such a case, the Bidder shall furnish the indices and weightings for the price adjustment formulae in the Schedule of Adjustment Data and the Employer may require the Bidder to justify its proposed indices and weightings.

14.6 If so indicated in ITB 1.1, bids are being invited for individual lots (contracts) or for any combination of lots (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 14.3, provided the bids for all lots (contracts) are submitted and opened at the same time.

14.7 All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 28 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.

15. Currencies of Bid and Payment

15.1 The currency(ies) of the bid and the currency(ies) of payments shall be **as specified in the BDS**.

15.2 Bidders may be required by the Employer to justify, to the Employer's satisfaction, their local and foreign currency requirements, and to substantiate that the amounts included in the unit rates and prices and shown in the the Schedule of Adjustment Data in the Appendix to Bid are reasonable, in which case a detailed breakdown of the foreign currency requirements shall be provided by Bidders.

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, 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 In accordance with Section III, Evaluation and Qualification Criteria, to establish that the Bidder continues to meet the criteria used at the time of prequalification, the Bidder shall provide in the corresponding information sheets included in Section IV, Bidding Forms, updated information on any assessed aspect that changed from that time, or if post-qualification applies as indicated in accordance with ITB 4.8, the Bidder shall provide the information requested in the corresponding information sheets included in Section IV, Bidding Forms.

17.2 If a margin of preference applies as indicated in accordance with ITB 33.1, domestic Bidders, individually or in joint ventures, applying for eligibility for domestic preference

shall supply all information required to satisfy the criteria for eligibility indicated in accordance with ITB 33.1.

18. Period of Validity of Bids

18.1 Bids shall remain valid for the period **specified in the BDS** after the bid submission deadline date prescribed by the Employer in accordance with ITB 22.1. A bid valid for a shorter period shall be rejected by the Employer as non responsive.

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 for twenty-eight (28) 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, except as provided in ITB 18.3.

18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be determined as follows:

- (a) In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factors **specified in the BDS**.
- (b) In the case of adjustable price contracts, to determine the Contract price, the fixed portion of the bid price shall be adjusted by the factor **specified in the BDS**.
- (c) In any case, bid evaluation shall be based on the bid price without taking into consideration the applicable correction from those indicated above.

19. Bid Security

19.1 The Bidder shall furnish as part of its bid, either a Bid-Securing Declaration or a bid security **as specified in the BDS**, in original form and, in the case of a bid security, in the amount and currency **specified in the BDS**.

19.2 A Bid-Securing Declaration shall use the form included in Section IV, Bidding Forms.

19.3 If a bid security is specified pursuant to ITB 19.1, the bid security shall be a demand guarantee in any of the following forms at the Bidder's option:

- (a) an unconditional bank guarantee issued by a bank or

surety;

(b) an irrevocable letter of credit;

(c) a cashier's or certified check; or

(d) another security **indicated in the BDS**,

from a reputable source from an eligible country. If the unconditional guarantee is issued by an insurance company or a bonding company located outside the Employer's Country, the issuer shall have a correspondent financial institution located in the Employer's Country to make it enforceable. In the case of a bank guarantee, the bid security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Employer prior to bid submission. In either case, the form must include the complete name of the Bidder. The bid security shall be valid for twenty-eight (28) days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 18.2.

19.4 If a bid security is specified pursuant to ITB 19.1, any bid not accompanied by a substantially responsive bid security or Bid-Securing Declaration shall be rejected by the Employer as non responsive.

19.5 If a bid security is specified pursuant to ITB 19.1, the bid security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the performance security pursuant to ITB 41.

19.6 The bid security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required performance security.

19.7 The bid security may be forfeited or the Bid-Securing Declaration executed:

(a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letter of Bid or

(b) if the successful Bidder fails to:

(i) sign the Contract in accordance with ITB 40; or

(ii) furnish a performance security in accordance

with ITB 41.

19.8 The bid security or the Bid-Securing Declaration of a JVA shall be in the name of the JVA that submits the bid. If the JVA has not been legally constituted into a legally enforceable JVA at the time of bidding, the bid security or the Bid-Securing Declaration shall be in the names of all future partners as named in the letter of intent referred to in ITB 4.1.

19.9 If a bid security is **not required in the BDS** pursuant to ITB 19.1, and

- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letter of Bid Form, except as provided in ITB 18.2, or
- (b) if the successful Bidder fails to sign the Contract in accordance with ITB 40; or furnish a performance security in accordance with ITB 41;

the Borrower may, **if provided for in the BDS**, declare the Bidder disqualified to be awarded a contract by the Employer for a period of time **as stated in the BDS**.

20. Format and Signing of Bid

20.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB 11 and clearly mark it "ORIGINAL." 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 them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

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 where entries or amendments have been made shall be signed or initialed by the person signing the bid.

20.3 A bid submitted by a JVA shall comply with the following requirements:

- (a) Unless not required in accordance with ITB 4.1 (a), be

signed so as to be legally binding on all partners and

- (b) Include the Representatives's authorization referred to in ITB 14.1 (b), consisting of a power or attorney signed by those legally authorized to sign on behalf of the JVA.

20.4 Any inter-lineation, 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 The Bidder shall enclose the original and all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "ALTERNATIVE" and "COPY." These envelopes containing the original and the copies shall then be enclosed in one single envelope.

21.2 The inner and outer envelopes shall:

- (a) bear the name and address of the Bidder;
- (b) be addressed to the Employer in accordance with ITB 22.1;
- (c) bear the specific identification of this bidding process indicated in the BDS 1.1; and
- (d) bear a warning not to open before the time and date for bid opening.

21.3 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 of Bids

22.1 Bids must be received by the Employer at the address and no later than the date and time **indicated in the BDS. When so specified in the BDS**, bidders shall have the option of submitting their bids electronically. Bidders submitting bids electronically shall follow the electronic bid submission procedures **specified in the BDS**.

22.2 The Employer may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents 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, Substitution, and Modification of Bids

24.1 A Bidder may withdraw, substitute, or modify its bid 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 substitution or modification of the bid must accompany the respective written notice. All notices must be:

(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," "SUBSTITUTION," "MODIFICATION;" and

(b) received by the Employer prior to the deadline prescribed for submission of bids, in accordance with ITB 22.

24.2 Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.

24.3 No bid may be withdrawn, substituted, 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 Letter of Bid or any extension thereof.

25. Bid Opening

25.1 The Employer shall open the bids in public, in the presence of Bidders` designated representatives and anyone who choose to attend, and at the address, date and time **specified in the BDS**. Any specific electronic bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be **asspecified in the BDS**.

25.2 First, 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 "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding bid being

substituted, and the substituted bid shall not be opened, but returned to the Bidder. No bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding bid. No bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at bid opening. Only bids that are opened and read out at bid opening shall be considered further.

- 25.3 All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the Bid Price(s), including any discounts and alternative offers; the presence or absence of a bid security, if required; and any other details as the Employer may consider appropriate. Only discounts and alternative offers read out at bid opening shall be considered for evaluation. **If so requested by the Employer in the BDS**, the Letter of Bid and the Bill of Quantities are to be initialed by representatives of the Employer attending bid opening in the manner indicated in the BDS. No bid shall be rejected at bid opening except for late bids, in accordance with ITB 23.1.
- 25.4 The Employer shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, substitution, or modification; the Bid Price, per lot if applicable, including any discounts and alternative offers; and the presence or absence of a bid security, if one was required. 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. A copy of the record shall be distributed to all Bidders.

E. Evaluation and Comparison of Bids

26. Confidentiality

- 26.1 Information relating to the evaluation 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 bids, and qualification of the Bidders, 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 prices or substance of the bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the bids, in accordance with ITB 31.
- 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 may be rejected.
- 28. Deviations, Reservations, and Omissions**
- 28.1 During the evaluation of bids, the following definitions apply:
- (a) "Deviation" is a departure from the requirements specified in the Bidding Document;
 - (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and
 - (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Document.
- 29. Determination of Responsiveness**
- 29.1 The Employer's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB11.
- 29.2 A substantially responsive 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,
- (a) if accepted, would
 - (i) affect in any substantial way the scope, quality, or performance of the Works specified in the

Contract; or

- (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
- (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids.

29.3 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.

29.4 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. Nonmaterial Nonconformities

30.1 Provided that a bid is substantially responsive, the Employer may waive any nonconformities in the bid that do not constitute a material deviation, reservation or omission.

30.2 Provided that a 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 bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any aspect of the price of the bid. Failure of the Bidder to comply with the request may result in the rejection of its bid.

30.3 Provided that a 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 method indicated in Section III, Evaluation and Qualification Criteria.

31. Correction of Arithmetical Errors

31.1 Provided that the bid is substantially responsive, the Employer shall correct arithmetical errors on the following basis:

- (a) 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;

(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; and

(c) 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) and (b) above.

31.2 If the Bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be rejected.

32. Conversion to Single Currency

32.1 For evaluation and comparison purposes, the currency(ies) of the bid shall be converted into a single currency **as specified in the BDS.**

33. Margin of Preference

33.1 **Unless otherwise specified in the BDS,** a margin of preference shall not apply.

34. Evaluation of Bids

34.1 The Employer shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted.

34.2 To evaluate a bid, the Employer shall consider the following:

(a) the bid price, excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities, but including Daywork items, where priced competitively;

(b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;

(c) price adjustment due to discounts offered in accordance with ITB 14.3;

(d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 32;

- (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3;
 - (f) the evaluation factors indicated in Section III, Evaluation and Qualification Criteria;
- 34.3 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.
- 34.4 If these Bidding Documents allows Bidders to quote separate prices for different lots (contracts), and the award to a single Bidder of multiple lots (contracts), the methodology to determine the lowest evaluated price of the lot (contract) combinations, including any discounts offered in the Letter of Bid Form, is specified in Section III, Evaluation and Qualification Criteria.
- 34.5 If the bid, which results in the lowest Evaluated Bid Price, is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, taking into consideration the schedule of estimated Contract payments, the Employer may require that the amount of the performance security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract.
- 35. Comparison of Bids** 35.1 The Employer shall compare all substantially responsive bids in accordance with ITB 34.2 to determine the lowest evaluated bid.
- 36. Qualification of the Bidder** 36.1 The Employer shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid either continues to meet (if prequalification applies) or meets (if postqualification applies) the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 36.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17.1.
- 36.3 An affirmative determination shall be a prerequisite for

award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Employer shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's qualifications to perform satisfactorily.

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.

F. Award of Contract

38. Award Criteria

38.1 Subject to ITB 37.1, the Employer shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

39. Notification of Award

39.1 Prior to the expiration of the period of bid validity, the Employer shall notify the successful Bidder, in writing, that its bid has been accepted. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the "Letter of Acceptance") shall specify the sum that the Employer will pay the Contractor in consideration of the execution and completion of the Works (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price") and the requirement for the Contractor to remedy any defects therein as prescribed by the Contract. At the same time, the Employer shall also notify all other Bidders of the results of the bidding and shall publish in *UNDB online* and in the *dgMarket* the results identifying the bid and lot numbers and the following information:

- (i) name of each Bidder who submitted a Bid;
- (ii) bid prices as read out at Bid Opening;
- (iii) name and evaluated prices of each Bid that was evaluated;
- (iv) name of bidders whose bids were rejected and the reasons for their rejection; and
- (v) name of the successful Bidder, and the Price it offered, as

well as the duration and summary scope of the contract awarded.

39.2 Until a formal contract is prepared and executed, the notification of award shall constitute a binding Contract.

39.3 The Employer shall promptly respond in writing to any unsuccessful Bidder who, after notification of award in accordance with ITB 39.1, requests in writing the grounds on which its bid was not selected.

40. Signing of Contract

40.1 Promptly upon notification, the Employer shall send the successful Bidder the Contract Agreement.

40.2 Within twenty-eight (28) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Employer.

41. Performance Security

41.1 Within twenty-eight (28) days of the receipt of notification of award from the Employer, the successful Bidder shall furnish the performance security in accordance with the General Conditions of Contract, subject to ITB 34.5, using for that purpose the Performance Security Form included in Section IX, Annex to the Particular Conditions - Contract Forms, or another form acceptable to the Employer. If the performance security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Employer. A foreign institution providing a bond shall have a correspondent financial institution located in the Employer's Country.

41.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract 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 lowest evaluated Bidder whose offer is substantially responsive and is determined by the Employer to be qualified to perform the Contract satisfactorily.

Section II. Bid Data Sheet

A. Introduction	
ITB 1.1	The number of the Invitation for Bids is : OSRP-CW-ICB-P04A1
ITB 1.1	The Employer is: Chief Engineer, World Bank Projects, Odisha on behalf of Works Department, Government. of Odisha
ITB 1.1	<p>The name of the ICB is: Construction for Widening & Strengthening of existing carriageway to 2-lane road from Jagatpur-Nischintakoili(Km. 0/0 to Km. 25/0 of MDR)(Balance Works)</p> <p>The identification number of the ICB is: PMU-WB-114/2015-32819/07.08.2015</p> <p>The number and identification of lots(contracts)comprising this ICB is: Not Applicable</p>
ITB 2.1	The Borrower is: Government of Odisha through Government of India
ITB 2.1	The name of the Project is: Odisha State Roads Project
ITB 4.1	<p>Replace the existing clause 4.1 as below</p> <p>A Bidder may be a natural person, private entity, government-owned entity—subject to ITB 4.5 or any combination of such entities, in the form of a joint venture or association (JVA), keeping the number of joint venture partners limited to three, under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. All partners of the Joint Venture shall sign a Joint Venture Agreement as per attached format (<i>Provided at Section IV. Bidding Forms.</i>) and submit along with the Bid.</p>

ITB 4.1 (a)	<p>Replace the clause with the following.</p> <p>The Joint Venture shall jointly be bound unto the Employer for the successful performance of the Contract and shall be fully responsible for the works in terms of quality requirements and timeliness in performance in accordance with the Contract. Irrespective of Joint responsibility, it is expressly understood that LEAD PARTNER will be present at the site of the works, through its authorized representative at all times and play lead role in mobilizing resources and execution of the contract.</p> <p>The LEAD PARTNER will incur liabilities and receive instructions for and on behalf of any or all partners of the Joint Venture and entire execution of the contract shall be done by the LEAD PARTNER and payment under the contract shall be received by the LEAD PARTNER. The precise responsibility of the members of the Joint Venture in respect of planning, quality, execution of the works shall be mentioned in the Joint Venture Agreement as per attached format provided in Section IV (Bidding forms).</p> <p>If in the determination of the Employer that the LEAD PARTNER is unable to fulfill its responsibility as per the Contract, the Employer shall be at liberty to terminate the contract which shall be binding on all partners of the Joint Venture.</p>
ITB 4.8	Post Qualification will be applicable.
B. Bidding Documents	
ITB 6.1	<p>Part-2 Section VI Works requirements – is divided into the following</p> <ol style="list-style-type: none"> a. General Technical Requirements b. Part-I : General Technical Specifications c. Part-II : Supplementary Technical Specifications including additional technical Specifications d. Part-III: Technical Specifications for building works.
ITB 7.1	<p>For <u>clarification purposes</u> only, the Employer's address is:</p> <p>Attention: Chief Engineer, World Bank Projects, Odisha Street Address: NirmanSoudha Floor/Room number: Conference Hall, Ground Floor City: Bhubaneswar ZIP Code: 751001 Country: India Telephone: 0674-2396783 Facsimile number: 0674-2390080 Electronic mail address: pmuosrp@gmail.com</p>

ITB 7.4	<p>A Pre-Bid meeting shall take place at the following date, time and place: Date: August 31, 2015 Time: 11.00 A.M (IST) Place: Office of the Chief Engineer, World Bank Projects, Odisha, NirmanSoudha, Ground Floor, Bhubaneswar- 751 001, Odisha, India</p> <p>The Bidders are encouraged to visit the site and observe ground condition, borrow areas and quarries etc., and satisfy themselves about the suitability and sufficiency of the quantities etc.</p>
C. Preparation of Bids	
ITB 10.1	The language of the bid is: English
ITB 11.1 (h)	The Bidder shall submit with its bid the following additional documents: NIL
ITB 13.1	Alternative bids not permitted.
ITB 13.2	Alternative times for completion not permitted.
ITB 13.4	Alternative technical solutions shall be permitted for the following parts of the works: not permitted for any part.
ITB 14.5	The prices quoted by the bidder shall be: subjected to price adjustment
ITB 14.7	<p>Add at the following note at this clause</p> <p>Note: “Bidders may like to ascertain availability of excise/custom duty exemption benefits available in India to the contracts financed under World Bank loan/credits. They are solely responsible for obtaining such benefits which they have considered in their bid and in case of failure to receive such benefits for reasons whatsoever, the employer will not compensate the bidder (contractor). The bidder shall furnish along with his bid a declaration to this effect in the Declaration Format provided in Section IV of the bidding documents.</p> <p>Where the bidder has quoted taking into account such benefits, he must give all information required for issue of certificates in terms of the Government of India Central Excise Notification and Customs Notification as per form stipulated in section IV. In case the bidder has not provided the required information or has indicated to be furnished later on in the Declaration Format, the same shall be construed that the goods/construction equipment for which certificate is required is Nil.</p> <p>To the extent the employer determines the quantities indicated therein are reasonable keeping in view the bill of quantities, work schedule, construction programme and methodology, the certificates will be issued and no subsequent changes will be permitted. The certificate will be issued</p>

	<p>within 60days of signing of the contract for material pertaining to BOQ quantities, equipment and machinery. In case of materials pertaining to Variation items and quantities the certificate shall be issued only on request from the contractor when in need and duly certified by the Engineer and no subsequent changes will be permitted.</p> <p>If the bidder has considered the customs/excise duty exemption for materials/construction equipment to be bought for the work, the bidder shall confirm and certify that the Employer will not be required to undertake any responsibilities of the Government of India Scheme or the said exemptions being available during the contract execution, except issuing the required certificate.</p> <p>The bids which do not conform to the above provisions or any condition by the bidder which makes the bid subject to availability of customs/excise duty exemption for materials/construction equipment or compensation on withdrawal of any variations to the said exemptions will be treated as non responsive and rejected.</p> <p>Any delay in procurement of the construction equipment /machinery/goods as a result of the above shall not be entertained as a reason for granting any extension of time.”</p>
ITB 15.1	<p>The currency(ies) of the bid and the payment currency(ies) shall be in accordance with Alternative “A” as described below:</p> <p>Alternative A (Bidders to quote entirely in local currency):</p> <p>(a) The unit rates and the prices shall be quoted by the Bidder in the Bill of Quantities, entirely in Indian Rupees, the name of the currency of the Employer’s country, and further referred to as “the local currency”. A Bidder expecting to incur expenditures in other currencies for inputs to the Works supplied from outside the Employer’s country (referred to as “the foreign currency requirements”) shall indicate in the Appendix to Bid - Table C, the percentage(s) of the Bid Price (excluding Provisional Sums), needed by him for the payment of such foreign currency requirements, limited to no more than three foreign currencies of any country.</p> <p>(b) The rates of exchange to be used by the Bidder in arriving at the local currency equivalent and the percentage(s) mentioned in (a) above shall be specified by the Bidder in the Appendix to Bid - Table C, and shall apply for all payments under the Contract so that no exchange risk will be borne by the successful Bidder.</p>
ITB 17.3	<p>Insert a new sub-clause 17.3 as under</p> <p>17.3 Bidders who meet the minimum qualification criteria will be qualified for award of contract only if their available bid capacity on</p>

	<p>the date of Bid opening is more than the total bid value of the works to be awarded to him. The bid capacity will be calculated at this stage as under :</p> <p>Assessed available bid capacity = $A*N*1.5 - B$, where</p> <p>A = Maximum value of works executed if any one year during the last 5 years viz 2010-11 to 2014-15 which will take into account the completed as well as works in progress updated to 2014-15 price level*.</p> <p>B = Value at 2014-15[#] price level of the existing commitments and on-going works to be completed by the bidder during the next 1.5 years. The bidder shall provide these details in Form FIN – 4 stipulated in Section IV.</p> <p>N = Number of years prescribed for completion of works for which the bids are invited i.e, 1.5 Years</p> <p>[#] Cost of works of previous years shall be enhanced @ 5% per year based on rupee value to bring them to 2014-15 price level.</p>
ITB 18.1	The bid validity period shall be 120 days excluding bid due date.
ITB 18.2	Period of 28 days mentioned in the 6 th line of ITB clause 18.2 should be amended to read as 45 days.
ITB 18.3 (a)	Not Applicable
ITB 18.3 (b)	Not Applicable
ITB 19.1	A bid security shall be required and amount of the bid security shall be 11.0 Million Indian Rupees or US\$ 184,000.
ITB 19.3	“Period of 28 days mentioned in the last sentence of the ITB Clause 19.3 should be amended to read as 45 days.”
ITB 19.3(d)	Other types of acceptable securities: NIL
ITB 19.9	If the Bidder incurs any of the actions prescribed in subparagraphs (a) and (b) of this provision, the Borrower will declare the Bidder ineligible to be awarded contracts by the Employer for a period of 5 years.
ITB 20.1	In addition to the original of the bid, the number of copies is: One
ITB 20.2	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: notarized affidavit of the Bidder / Legally enforceable power of Attorney.
D. Submission and Opening of Bids	
ITB 22.1	For bid submission purposes only, the Employer’s address is : Attention: Chief Engineer, World Bank Projects, Odisha

	<p>Street Address: NirmanSoudha Floor/Room number: Ground Floor City: Bhubaneswar ZIP Code: 751001 Country: India</p> <p>The deadline for bid submission is: Date: September26, 2015 Time: 11:00 A.M (IST)</p> <p>Bidders shall not have the option of submitting their bids electronically.</p> <p>In the event of the specified date of Bid due date and bid opening being declared a holiday for the Employer, the Bid due date and bid opening will be at the appointed time and location on the next working day.</p>
ITB 25.1	<p>The bid opening shall take place at: Office of the Chief Engineer, World Bank Projects, Odisha Street Address: NirmanSoudha Floor/Room number: Ground Floor Conference Hall City : Bhubaneswar Country:India</p> <p>Date: September 26, 2015 Time: 11.15A.M. (IST)</p> <p>In the event of the specified date of Bid due date and bid opening being declared a holiday for the Employer, the Bid due date and bid opening will be at the appointed time and location on the next working day.</p>
ITB 25.3	<p>The Letter of Bid and Bill of Quantities shall be initialed by representatives of the Employer attending Bid opening. If initialization is required, it shall be conducted as follows:</p> <p>(a) The amount in figures as well as words shall be circled and shall be initialed</p> <p>(b) In case there are corrections in the amounts, either by over writing or striking, the same shall be specifically recorded and initialed</p>
E. Evaluation, and Comparison of Bids	
ITB 32.1	<p>The currency that shall be used for bid evaluation and comparison purposes to convert all bid prices expressed in various currencies into a single currency is: Indian Rupees</p> <p>The source of exchange rate shall be: Market Bills Saling Exchange Rate as published by the Main Branch, State Bank of India, Bhubaneswar, India.</p> <p>The date for the exchange rate shall be: 28 days prior to date of opening of Bids, if the date falls on a holiday, the rate for the preceeding working day shall be considered.</p>

	<p>The currency(ies) of the Bid shall be converted into a single currency in accordance with the procedure under Alternative A that follows:</p> <p>Alternative A: Bidders quote entirely in local currency</p> <p>For comparison of bids, the Bid Price, corrected pursuant to Clause 31, shall first be broken down into the respective amounts payable in various currencies by using the exchange rates specified by the bidder in accordance with Sub-Clause 15.1.</p> <p>In the second step, the Employer will convert the amounts in various currencies in which the Bid Price is payable (excluding Provisional Sums but including Daywork where priced competitively) to the single currency identified above at the selling rates established for similar transactions by the authority specified and on the date stipulated above.</p>
ITB 33.1	A margin of preference shall not apply.

**Section III. *Evaluation and Qualification
Criteria
(Without Prequalification)***

This Section contains all the criteria that the Employer shall use to evaluate bids and qualify Bidders. In accordance with ITB 34 and ITB 36, no other factors, methods or criteria 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 34.2 (a) – (e) the following criteria shall apply:

1.1 Assessment of adequacy of Technical Proposal with Requirements

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 (Employer's Requirements).

1.2 Multiple Contracts, if permitted under ITB 34.4, will be evaluated as follows: [Not applicable](#)

1.3 Alternative Completion Times, if permitted under ITB 13.2, will be evaluated as follows: [Not applicable](#)

1.4 Technical alternatives, if permitted under ITB 13.4, will be evaluated as follows: [Not applicable](#)

2. Qualification

<i>Factor</i>	2.1 ELIGIBILITY					
Sub-Factor	Criteria					Documentation Required
	Requirement	Single Entity	Bidder			
			Joint Venture, Consortium or Association (JVCA)			
			All partners combined	Each partner	At least one partner	
2.1.1 Nationality	Nationality in accordance with ITB 4.2.	Must meet requirement	Must meet requirement	Must meet requirement	N / A	Form ELI-1 and 2, with attachments
2.1.2 Conflict of Interest	No- conflicts of interests as described in ITB 4.3.	Must meet requirement	Must meet requirement	Must meet requirement	N / A	Letter of Bid
2.1.3 Bank Ineligibility	Not having been declared ineligible by the Bank as described in ITB 4.4.	Must meet requirement	Must meet requirement	Must meet requirement	N / A	Letter of Bid
2.1.4 Government Owned Entity	Compliance with conditions of ITB 4.5	Must meet requirement	Must meet requirement	Must meet requirement	N / A	Form ELI-1 and 2, with attachments

<i>Factor</i>	2.1 ELIGIBILITY					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association (JVCA)			
All partners combined	Each partner		At least one partner			
2.1.5 Ineligibility based on a United Nations resolution or Borrower's country law	Not having been excluded as a result of the Borrower's country laws or official regulations, or by an act of compliance with UN Security Council resolution, in accordance with ITB 4.7	Must meet requirement	Must meet requirement	Must meet requirement	N / A	Letter of Bid

Factor	2.2 HISTORICAL CONTRACT NON-PERFORMANCE					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture , Consortium or Association (JVCA)			
All partners combined			Each partner	At least one partner		
2.2.1 History of non-performing contracts	Non-performance of a contract did not occur within the last <i>three (3)</i> years prior to the deadline for application submission, based on all information on fully settled disputes or litigation. A fully settled dispute or litigation is one that has been resolved in accordance with the Dispute Resolution Mechanism under the respective contract, and where all appeal instances available to the bidder have been exhausted.	Must meet requirement by itself or as partner to past or existing JVCA	N / A	Must meet requirement by itself or as partner to past or existing JVCA	N / A	Form CON - 2

Factor	2.2 HISTORICAL CONTRACT NON-PERFORMANCE					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture , Consortium or Association (JVCA)			
All partners combined			Each partner	At least one partner		
2.2.2 Pending Litigation	All pending litigation shall in total not represent more than <i>Thirty</i> percent (<i>30%</i>) of the Bidder's net worth and shall be treated as resolved against the Bidder.	Must meet requirement by itself or as partner to past or existing JVCA	N / A	Must meet requirement by itself or as partner to past or existing JVCA	N / A	Form CON – 2

Factor	2.3 FINANCIAL SITUATION					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association			
All partners combined			Each partner	Lead partner		
2.3.1 Historical Financial Performance	Submission of audited balance sheets or if not required by the law of the bidder’s country, other financial statements acceptable to the Employer, for the last <i>Five</i> [5] years to demonstrate the current soundness of the bidders financial position and its prospective long term profitability. <i>(a) Net Worth(calculated as the difference between total assets and total liabilities) should be positive.</i>	Must meet requirement	N / A	Must meet requirement	Must meet requirement	Form FIN –1 with attachments
	<i>(b) Should have made profit in any 3 years out of last 5 years.i.e from 2010-11 to 2014-15.</i>	Must meet requirement	N / A	Must meet requirement	Must meet requirement	Form FIN –1 with attachments

Factor	2.3 FINANCIAL SITUATION					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association			
All partners combined			Each partner	Lead partner		
2.3.2. Average Annual Turnover	Average annual turnover of <i>Contractor should be INR. 1470 Million or more or equivalent amount in foreign currency</i> , calculated as total certified payments received for contracts in progress or completed, during the last <i>Five</i> (5) financial years (from 2010-11 to 2014-15) ending 31 st March of the previous financial years	Must meet requirement	Must meet requirement	Must meet at least 20% of the requirement	Must meet 60% of the requirement.	Form FIN -2

Factor	2.3 FINANCIAL SITUATION					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture, Consortium or Association			
All partners combined			Each partner	Lead partner		
2.3.3.Financial Resources	The Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet: (i) The following cash-flow requirement: <u><i>INR. 220Millionor equivalent amount in foreign currency</i></u> (ii) The overall cash flow requirements for this contract and its current commitments.	Must meet requirement	Must meet requirement	Must meet at least 20% of the requirement	Must meet 60% of the requirement.	Form FIN –3

Factor	2.4 EXPERIENCE					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture or Association			
				All partners combined	Each partner	Lead partner
2.4.1 General Experience	Experience under contracts in the role of contractor, subcontractor, or management contractor for at least the last <i>Five</i> [5] years prior to the applications submission deadline, and with activity in at least nine (9) months in each year.	Must meet requirement	Must meet requirement	Must meet requirement	Must meet requirement.	Form EXP-1
2.4.2 Specific Experience	Participation as contractor, management contractor, or subcontractor, in at least One (1) contract of value of at least INR <i>880 Million or equivalent amount in foreign currency</i> or in Two (2) contracts , each with a value of at least INR <i>550 Million or equivalent amount in foreign currency</i> within the last Five (5) years i.e 2010-11 to 2014-15, that have been	Must meet requirement	Must meet requirement	Must meet at least 20% of the requirement	Must meet 60% of the requirement.	Form EXP 2(a)

Factor	2.4 EXPERIENCE					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture or Association			
All partners combined			Each partner	Lead partner		
	<p>successfully and substantially completed (duly certified by the Engineer) and that are similar to the proposed work. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Employer's Requirements.</p> <p>Cost of work of previous years shall be enhanced @5% per year based on rupee value to bring them to 2014-15 price level.</p>					

Factor	2.4 EXPERIENCE					
Sub-Factor	Criteria					Documentation Required
	Requirement	Bidder				
		Single Entity	Joint Venture or Association			
				All partners combined	Each partner	Lead partner
2.4.2 Specific Experience	b) Execution of following key items of work during the period stipulated in 2.4.2(a) above, in a period of one year,	Must meet requirements	Must meet requirement	Must meet at least 20% of the requirement	Must meet 60% of the requirement.	Form EXP-2(b)
	<i>i.) Earthwork in excavation, embankment & sub-grades for Road constructions – 210,000 Cum</i>					
	<i>ii.) Granular Sub-base for Road constructions – 41,000 Cum</i>					
	<i>iii.) Granular Base with WMM work – 30,000 cum</i>					
	<i>iv.) Bituminous work with BM, DBM, SDBC & BC work - 14,500 Cum</i>					
	<i>v.) PCC, RCC, PSC, DLC, PQC – 38,000 Cum</i>					

2.5 Personnel

The Bidder shall demonstrate that it has the personnel for the key positions that meet the following requirements:

No.	Position	Total Work Experience (years)	In Similar Works Experience (years)	Educational Qualification
1	Project Manager – 1 No	10	5	Degree/ Diploma in Civil Engg.
2	Highway Engineer – 1 No	5	3	Degree/ Diploma in Civil Engg.
3	Bridge Engineer – 1 No	5	3	Degree/ Diploma in Civil Engg.
4	Material Engineer – 1 No	5	3	Degree/ Diploma in Civil Engg.
5	Quantity Surveyor – 1 No	5	3	Degree/ Diploma in Civil Engg.
6	Equipment Maintenance Engineer – 1 No	5	3	Diploma in Mech. Engg.
7	Environment and Safety Manager	3	1	Graduate with skill and experience in handling the Health, Environment, Safety issues

The Bidder shall provide details of the proposed personnel and their experience records using Forms PER-1 and PER-2 included in Section IV, Bidding Forms.

2.6 Equipment

The Bidder shall demonstrate that it has the key equipment listed hereafter:

No.	Equipment Type and Characteristics	Minimum Number required
1	Mechanical Bitumen Sensor Paver - 100 TPH	01
2	Motor Grader - 200 cum/Hr	02
3	Hydraulic Excavator - 60 cum/Hr	02
4	Vibratory Roller (Tandem) - 8 T [100 cum/Hr]	03
5	Pneumatic Tyred Roller - 25 cum/Hr	01
6	Hot Mix Plant (Batch Mix only) - 100 TPH	01
7	Concrete Batch-mix Plant - 75 Cum/Hr	01
8	Transit Mixer - 6 cum	05
9	Front End Loader	03
10	Dozer - 150 cum/Hr	01
11	Tipper (of different capacities)	30
12	Cone Crushing Unit- 200 TPH	01
13	Bitumen Sprayer - 1750 sqm/hour	01
14	Earth Compactor -8-10 ton	03
15	Water Tanker - 10 KL	05
16	Mechanical Paver - 100 TPH	01
17	WMM Plant - 175 TPH	01
18	Concrete Pump - 20 cum/hour	02
19	Concrete Fixed Form Paver - 100 TPH	01

The Bidder shall provide further details of proposed items of equipment using Form EQU in Section IV, Bidding Forms.

2.7 Bid Capacity Assessment

The Bidder shall demonstrate their bid capacity as mentioned in ITB 17.3.

Bidders who meet the minimum qualification criteria will be qualified for award of contract only if their available bid capacity on the date of Bid opening is more than the total bid value of the works to be awarded to him. The bid capacity will be calculated at this stage as under :

Assessed available bid capacity = $A * N * 1.5 - B$, where

A = Maximum value of works executed in any one year during the last 5 years **viz 2010-11 to 2014-15** which will take into account the completed as well as works in progress updated to **2014-15 price level**[#].

B = Value at **2014-15** [#] price level of the existing commitments and on-going works to be completed by the bidder during the next **1.5** years. The bidder shall provide these details in Form FIN – 4 stipulated in Section IV.

N = Number of years prescribed for completion of works for which the bids are invited i.e, **1.5 Years**

[#] Cost of works of previous years shall be enhanced @ **5% per year** based on Indian Rupee value to bring them to **2014-15 price level**.

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Bid Submission Sheet

Date: _____

ICB No.: _____

Invitation for Bid No.: _____

To: _____

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Document, including Addenda issued in accordance with Instructions to Bidders (ITB)8 _____;
- (b) We offer to execute in conformity with the Bidding Document the following Works: _____;
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is: _____;
- (d) The discounts offered and the methodology for their application are: _____

_____;
- (e) Our bid shall be valid for a period of _____ days from the date fixed for the bid submission deadline in accordance with the Bidding Document, 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, including any subcontractors or suppliers for any part of the contract, have or will have nationalities from eligible countries, in accordance with ITB4.2;
- (h) We, including any subcontractors or suppliers for any part of the contract, do not have any conflict of interest in accordance with ITB4.3;
- (i) 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, other than alternative offers submitted in accordance with ITB13;
- (j) We, including any of our subcontractors or suppliers for any part of the contract, have not been declared ineligible by the Bank, under the Employer's country laws or official

regulations or by an act of compliance with a decision of the United Nations Security Council;

- (k) We are not a government owned entity/ We are a government owned entity but meet the requirements of ITB-4.5;⁶
- (l) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract:

Name of Recipient	Address	Reason	Amount
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(If none has been paid or is to be paid, indicate “none.”)

- (m) 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; and
- (n) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (o) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Name _____ In the capacity of _____

Signed _____

Duly authorized to sign the bid for and on behalf of _____

Dated on _____ day of _____, _____

⁶*Bidder to use as appropriate*

Appendix to Bid

Schedule of Adjustment Data

[In Tables A, B, and C, below, the Bidder shall (a) indicate its amount of local currency payment, (b) indicate its proposed source and base values of indices for the different foreign currency elements of cost, (c) derive its proposed weightings for local and foreign currency payment, and (d) list the exchange rates used in the currency conversion. In the case of very large and/or complex works contracts, it may be necessary to specify several families of price adjustment formulae corresponding to the different works involved.]

Table A. Local Currency

Index code	Index description	Source of index	Base value and date*	Bidder's related currency amount	Bidder's proposed weighting
a	Nonadjustable	—	—	—	a: 0.15
b	Steel Rebars	Whole sale price index for Steel (rebars) as published by the office of the Economic Advisor to the Govt. of India, Ministry of Commerce and Industry.			b:
c	Cement	Whole sale price index for Cement as published by the office the Economic Advisor to the Govt. of India, Ministry of Commerce and Industry.			c:
d	Bitumen (VG-30)	Official retail price of bulk bitumen at IOC depot at Haldia			d:
e	Labour	Minimum Wage notified by the Labour and Employee's State Insurance Department of Government of Odisha, India			e:
f	POL	Official retail price of HSD at IOCL/ HPCL/ BPCL Consumer pump depot at Jagatpur/ Cuttack, Odisha.			f:
g	Other Materials	All India Whole sale price index (all commodities) as published by the Economic Advisor to the Govt. of India, Ministry of Commerce and Industry.			g:
	@				
	@				
Total					1.00

* These details will be entered by the employer at the time of signing of agreement based on values as on 28 days prior to the deadline for submission of bid.

@If the bidder wishes add more items, he may do so in the column " Index Description" and "Bidder's proposed weighting"

Table B. Foreign Currency (FC)

State type: [If the Bidder is allowed to quote in local and foreign currencies and the Bidder wishes to quote in more than one foreign currency, this table should be repeated for each foreign currency.]

Index code	Index description	Source of index	Base value and date	Bidder's related source currency in type/amount	Equivalent in FC1	Bidder's proposed weighting
a	Nonadjustable	—	—	—		a: 0.15
b	Steel Rebars					b:
c	Cement					c:
d	Bitumen (VG-30)					d:
e	Labour					e:
f	POL					f:
g	Other Materials					g:
	@					
	@					
Total						1.00

@If the bidder wishes add more items, he may do so in the column “ Index Description” and “Bidder's proposed weighting”

Table C. Summary of Payment Currencies

Table: Alternative A

For[insert name of Section of the Works]

Name of payment currency	A Amount of currency	B Rate of exchange (local currency per unit of foreign)	C Local currency equivalent $C = A \times B$	D Percentage of Net Bid Price (NBP) $\frac{100 \times C}{NBP}$
Local currency _____		1.00		
Foreign currency #1 _____				
Foreign currency #2 _____				
Foreign currency # _____				
Net Bid Price				100.00
Provisional sums expressed in local currency	Nil			
BID PRICE				

Technical Proposal

- **Site Organization**
- **Method Statement**
- **Mobilization Schedule**
- **Construction Schedule**
- **Equipment**
- **Others**

SiteOrganization

MethodStatement

Mobilization Schedule

Construction Schedule

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 III, Evaluation and Qualification Criteria. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder.

Item 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 <input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured	

Omit the following information for equipment owned by the Bidder.

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

Personnel

Form PER-1: Proposed Personnel

Bidders should provide the names of suitably qualified personnel to meet the specified requirements stated in Section III. The data on their experience should be supplied using the Form below for each candidate.

1.	Title of position*
	Name
2.	Title of position*
	Name
3.	Title of position*
	Name
4.	Title of position*
	Name

*As listed in Section III.

Bidders Qualification without prequalification

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)	
<p>Attached are copies of the following original documents.</p> <ul style="list-style-type: none"> <input type="checkbox"/> 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. <input type="checkbox"/> 2. Authorization to represent the firm or JV named in above, in accordance with ITB 20.2. <input type="checkbox"/> 3. In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> 4. In case of a government-owned entity, any additional documents not covered under 1 above required to comply with ITB 4.5. 	

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 Subcontractor's country of constitution	
JV Partner's or Subcontractor's year of constitution	
JV Partner's or Subcontractor's legal address in country of constitution	
JV Partner's or Subcontractor's authorized representative information (name, address, telephone numbers, fax numbers, e-mail address)	
Attached are copies of the following original documents. <ul style="list-style-type: none"> <input type="checkbox"/> 1. Articles of incorporation or constitution of the legal entity named above, in accordance with ITB 4.1 and 4.2. <input type="checkbox"/> 2. Authorization to represent the firm named above, in accordance with ITB 20.2. <input type="checkbox"/> 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. 	

Form CON – 2: Historical Contract Non-Performance

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Bidder's Legal Name: _____

Date: _____

Joint Venture Party Legal Name: _____

ICB No. and title: _____

Page _____ of _____ pages

Non-Performing Contracts in accordance with Section III, Qualification Criteria and Requirements			
<input type="checkbox"/> Contract non-performance did not occur during the ____years specified in Section III, Qualification Criteria and Requirements, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed during the ____years specified in Section III, Qualification Criteria and Requirements, requirement 2.1			
Year	Non performed portion of contract	Contract Identification	Total Contract Amount (current value, US\$ equivalent)
		Contract Identification: Name of Employer: Address of Employer: Reason(s) for non performance:	
Pending Litigation, in accordance with Section III, Qualification Criteria and Requirements			
<input type="checkbox"/> No pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2.			
<input type="checkbox"/> Pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2 as indicated below.			
Year	Outcome as Percentage of Total Assets	Contract Identification	Total Contract Amount (current value, US\$ equivalent)
		Contract Identification: Name of Employer: Address of Employer: Matter in dispute:	

Form FIN – 1: Financial Situation

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

Financial Data for Previous 5 Years [US\$ Equivalent]				
Year 1:	Year 2:	Year 3:	Year 4:	Year 5:

Information from Balance Sheet

Total Assets			
Total Liabilities			
Net Worth			
Current Assets			
Current Liabilities			

Information from Income Statement

Total Revenues			
Profits Before Taxes			
Profits After Taxes			

- Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last three 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 accountant.
 - 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).

Form FIN – 2: Average Annual Construction Turnover

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

Annual Turnover Data for the Last 5Years (Construction only)			
Year	Amount Currency	Exchange Rate	US\$ Equivalent
2007-08			
2008-09			
2009-10			
2010-11			
2011-12			
Average Annual Construction Turnover			

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, converted to US\$ at the rate of exchange at the end of the period reported.

Form FIN – 3: Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, 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 (US\$ equivalent)
1		
2		
3		

Form FIN – 4: 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					
No.	Name of Contract	Employer's Contact Address, Tel, Fax	Value of Outstanding Work [Current US\$ Equivalent]	Estimated Completion Date	Average Monthly Invoicing Over Last Six Months [US\$/month]
1					
2					
3					
4					
5					

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	Years	Contract Identification and Name Name and Address of Employer Brief Description of the Works Executed by the Bidder	Role of Bidder

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	US\$	
If partner in a JV or subcontractor, specify participation of total contract amount	Percent of Total	Amount
Employer's Name Address Telephone/Fax Number E-mail		
Description of the similarity in accordance with Criteria 2.4.2(a) of Section III		

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

Fill up one (1) form per contract

Contract with Similar Key Activities					
Contract No of	Contract Identification				
Award Date	Completion Date				
Role in Contract	<input type="checkbox"/> Contractor		<input type="checkbox"/> Management Contractor		<input type="checkbox"/> Subcontractor
Total Contract Amount	US\$				
If partner in a JV or subcontractor, specify participation of total contract amount	Percent of Total		Amount		
Employer's Name Address Telephone Number Fax Number E-mail					
Description of the key activities in accordance with Criteria 2.4.2(b) of Section III					
Description of key activity	Quantity Executed				
	2010-11	2011-12	2012-13	2013-14	2014-15
i.)Earthwork in excavation, embankment & sub-grades for Road constructions					
ii.)Granular Sub-base for Road constructions					
iii.)Granular Base with WMM work					
iv.)Bituminous work with BM,DBM, SDBC & BC work					
v.) PCC, RCC, PSC,DLC,PQC					

ODISHA STATE ROADS PROJECT

(Declaration regarding customs/excise duty exemption for materials to be purchased consumption on works

(Bidder's Name and Address)

To:

The Chief Engineer,
World Bank Projects, Odisha
O/o the E.I.C (Civil), Odisha,
NirmanSoudha, Unit-V,
Keshari Nagar, Bhubaneswar, Odisha
India.

Tel No: 91-.674-239 6783

Fax No: 91-674-239 0080.

E-mail:pmuosrp@gmail.com

Dear Sir,

Ref: Widening & strengthening of existing carriageway to 2-lane road from Jagatpur-Nischintakoili (Km. 0/0 to Km. 25/0 of MDR) (Balance Works)
– Certificate for Import/Procurement of Goods/Construction Equipment.

1. We confirm that we are solely responsible for obtaining customs/excise duty waivers which we have considered in our bid and in case of failure to receive such waivers for reasons whatsoever, the Employer will not compensate us.
2. We are furnishing below the information required by the Employer for issue of the necessary certificates in terms of the Government of India Central Excise Notification No. 108/95 along with all subsequent amendments including the amendment dt.01-03-2008 and Customs Notification No. 85/99.
3. The goods for which certificates are required is as under:

Items	Make/ Brand Name /Class	Capacity [where applicable]	Quantity	Value	State whether it will be procured locally or imported [if so from which country]	Remarks regarding justification for the quantity and their usage in works
Goods						
[a] Bitumen (grade)						

Items	Make/ Brand Name /Class	Capacity [where applicable]	Quantity	Value	State whether it will be procured locally or imported [if so from which country]	Remarks regarding justification for the quantity and their usage in works
[b] Emulsion						
[c] HSD						
[d] LDO						
[e] Cement						
[f] Steel						
[g] Others						

4. We agree that no modification to the above list is permitted after bids are opened.
5. We agree that the certificate will be issued only to the extent considered reasonable by the Employer for the work, based on the Bill of Quantities and the construction programme and methodology as furnished by us along with the bid.
6. We confirm that the above goods will be exclusively used for the construction of the above work. We are aware that exemption will be issued to only goods/material/equipment which form part of the work on permanent basis but not for the goods/material/equipment which are used by the contractors for execution of project and after completion of the project, the goods remain with the contractors being owners of such goods for further deployment in other projects.

Date: _____

(Signature) _____

Place: _____

(Printed Name) _____

(Designation) _____

(Common Seal) _____

(Common Seal) _____

Form of Bid Security

(Bank Guarantee)

Beneficiary: _____

Date: _____

BID GUARANTEE No.: _____

We have been informed that _____ (hereinafter called "the Bidder") has submitted to you its bid dated _____ (hereinafter called "the Bid") for the execution of _____ under Invitation for Bids 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 _____ hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of _____ (_____) 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 its Bid during the period of bid validity specified by the Bidder in the Form of Bid; or
- (b) 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.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; and (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy your notification to the Bidder of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of the Bidder's bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.

[signature(s)]

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

FORM OF JOINT VENTURE AGREEMENT/CONSORTIUM

BETWEEN M/s. and M/s..... and M/s.....

For ICB No.....Invitation for Bid No.....of PWD, Orissa under Orissa State Road Project.

The Joint Venture Agreement executed on this day ofbetween M/s....., a company under the Laws of Company Act, 1956 and having its registered office at and Corporate Office at (herein after called the LEAD PARTNER, which expression shall include its successors, Executors and permitted Assigns)

AND M/s..... a company having its registered office at(herein after called as PARTNER,which expression shall include its successors, Executors and permitted Assigns)

AND M/s.....a company having its registered office at(herein after called as PARTNER,which expression shall include its successors, Executors and permitted Assigns) for the purpose of making a Bid and entering into a contract (in case of award) for “Civil Works for.....

.....” ICB No.....of PWD Odisha (herein after called as the EMPLOYER).

WHEREAS, the EMPLOYER invited Bids as per above mentioned tender Document for the “.....”

WHEREAS in accordance with Instruction to Bidders – clause 4 “Eligible Bidders” of the Tender Specification. A Bidder may be a private entity or a government-owned entity – subject to ITB 4.5 – or any combination of such entities with the intent to enter into an agreement supported by a letter of intent or under an agreement in the form of a Joint Venture or consortium.

NOW THIS INDENTURE WITNESSETH AS UNDER

In consideration of the above premises and agreements all the partners to this Joint Venture do hereby now agree as follows :

1. In consideration of the award of the Contract by the Employer to the Joint Venture / Consortium partners, we, the Partners to the Joint Venture Agreement do hereby agree that M/s. shall act as LEAD PARTNER and further declare and confirm that we shall jointly be bound unto the Employer for the successful performance of the Contract and shall be fully responsible for the works in terms of quality requirements and timeliness in performance in accordance with the Contract. Irrespective of Joint responsibility, it is expressly understood that LEAD PARTNER will be present at the site of the works, through its authorized representative at all times and play lead role in mobilizing resources and

execution of the contract. The LEAD PARTNER will incur liabilities and receive instructions for and on behalf of any or all partners of the Joint Venture and entire execution of the contract shall be done by the LEAD PARTNER and payment under the contract shall be received by the LEAD PARTNER. The precise responsibility of the members of the Joint Venture in respect of planning, quality, execution of the works are as under :

LEAD PARTNER :

PARTNER – A :

PARTNER – B :

If in the determination of the Employer that the LEAD PARTNER is unable to fulfill its responsibility as above, the Employer shall be at liberty to terminate the contract which shall be binding on all partners of the Joint Venture.

2. In case of any breach of the said Contract by the LEAD PARTNER or other Partners of the Joint Venture Agreement, the Partner(s) do hereby agree to be fully responsible for the successful performance of the Contract and to carry out all the obligations and responsibilities under the Contract in accordance with the requirements of the Contract.

3. Further, if the Employer suffers any loss or damage on account of any breach in the Contract or any shortfall in meeting the performance guaranteed as per the works Contract, the Partner(s) of these presents undertake to promptly make good such loss or damages caused to the Employer, on its demands without any demur. It shall not be necessary or obligatory for the Employer to proceed against LEAD PARTNER to these presents before proceeding against or dealing with other Partner(s).

4. The financial liability of the Partners of this Joint Venture agreement to the Employer, with respect to any of the claims arising out of the performance or non-performance of the obligations set forth in the said Joint Venture Agreement, read in conjunction with the relevant conditions of the Contract shall, however, not be limited in any way so as to restrict or limit the liabilities of any of the Partners of the Joint Venture agreement.

5. It is expressly understood and agreed between the Partners to this Joint Venture agreement that the responsibilities and obligations of each of the Partners has been delineated in clause no. 1 herein above to this agreement. It is further agreed by the Partners that the above sharing of responsibilities and obligations shall not in any way be a limitation of joint responsibilities of the Partners under this Contract.

6. This Joint Venture Agreement shall be construed and interpreted in accordance with the laws of India, courts of, ODISHA shall have the exclusive jurisdiction in all matters arising there under.

7. It is further agreed that the Joint Venture agreement shall be irrevocable and shall form an integral part of the contract, and shall continue to be enforceable till the Employer discharges the same. It shall be effective from the date first mentioned above for all purposes and intents.

IN WITNESS WHEREOF, the Partners to the Joint Venture Agreement have through their Authorized Representatives executed these presents and affixed Common Seals of their companies, on the day, month and year first mentioned above.

[Name, Signature of all Joint Venture Partners]

[Name and Signature of Witnesses]

Section V. Eligible Countries

Eligibility for the Provision of Goods, Works and Services in Bank-Financed Procurement

1. In accordance with Para 1.8 of the Guidelines: Procurement under IBRD Loans and IDA Credits, dated May 2004, the Bank permits firms and individuals from all countries to offer goods, works and services for Bank-financed projects. As an exception, firms of a Country or goods manufactured in a Country may be excluded if:

Para 1.8 (a) (i): as a matter of law or official regulation, the Borrower's Country prohibits commercial relations with that Country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of the Goods or Works required, or

Para 1.8 (a) (ii): 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 Borrower's Country prohibits any import of goods from that Country or any payments to persons or entities in that Country.

2. For the information of borrowers and bidders, at the present time firms, goods and services from the following countries are excluded from this bidding:

(a) With reference to paragraph 1.8 (a) (i) of the Guidelines:

NONE

(b) With reference to paragraph 1.8 (a) (ii) of the Guidelines:

NONE

PART 3 – CONDITIONS OF CONTRACT AND CONTRACT FORMS

PART 2 – WORKS REQUIREMENTS

Section VI. Works Requirements

Bill of Quantities
Refer Volume-II of Bid Document

Scope of Works & Technical Specifications
Refer Annexure-II of Bid Document

Drawings
Refer Annexure-III of Bid Document

Additional Information
Refer Annexure-IV of Bid Document

Section VII. General Conditions (GC)

Section VIII. Particular Conditions (PC)

Section IX. Annex to the Particular Conditions - Contract Forms

Refer Annexure-I of Bid Document for the above Sections VII,VIII & IX

ICB No: OSRP-CW- ICB-P04A1

[INTERNATIONAL COMPETITIVE BIDDING]

***Construction for Widening & Strengthening of
Existing Carriageway to 2-lane road from
Jagatpur to Nischintakoili***

(Km. 0/0 to Km. 25/0 of MDR)(Balance Works)

Project: Odisha State Roads Project

Volume-II

(Bill of Quantities)

Employer: Works Department, Government of Odisha,
Bhubaneswar, INDIA

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, General and Special Conditions of Contract, Technical Specifications, and Drawing.
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 Engineer 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 Engineer may fix within the terms of the Contract.
3. The rates and prices bid in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the Contract, include all Constructional Plant, labour, supervision, materials, erection, maintenance, insurance, profit, taxes, and duties, together with all general risks, liabilities, and obligations set out or implied in the Contract.
4. 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.
5. 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.
6. 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.
7. 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 Sub-Clause 13.5 and Clause 13.6 of the General Conditions.
8. The method of measurement of completed work for payment shall be in accordance with Specifications for Road and Bridge Works (Fifth Revision), Ministry of Shipping, Road Transport & Highways read along with the technical specifications and other relevant clauses of the contract.
9. Any arithmetic errors in computation or summation will be corrected by the Employer as follows:
 - (a) Where there is a discrepancy between amounts in figures and in words, the amount in words will govern; and
 - (b) where there is a discrepancy between the unit rate and the total amount derived from the multiplication of the unit price and the quantity, the unit rate as quoted will govern, unless in the opinion of the Employer, there is an obviously gross misplacement of the decimal point in the unit price, in which event the total amount as quoted will govern and the unit rate will be corrected.

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
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B. Work Items

BILL NO.1 : SITE CLEARANCE					
1.01	Clearing and Grubbing for road land complete as per Technical Specification Clause 201 and as per the direction of the Engineer.	Hectare	17.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
1.02	Dismantling structures and pavement including disposal of resulting material and/or salvaging useful materials complete as per Technical Specification Clause 202, 2809 and as per the direction of the Engineer.				
	a) Brick/ Stone Structures of dry or in lime/cement mortar	Cum	484.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	b) Concrete/Reinforced concrete/ Pre-stressed concrete structures including cleaning straightening & cutting of bars and separating them out from RCC/PSC.				
	For Slab Culverts & Box Culverts and Bridges				
	i)P.C.C.	Cum	176.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	ii)R.C.C.	Cum	397.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	c) Dismantling of all type of Pavement course	Cum	10552.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	d) Hume pipe	Lm	323.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	e) CC Kerb	Lm	23.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	f) Dry stone pitching	Cum	7.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	g) Expansion joint	Lm	78.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	h) Bituminous Concrete Wearing Course	Sqm.	426.00	in figure : Rs. in Word : Rupees	in figure : Rs.
1.03	Removing stumps and roots of trees having girth above 300 mm, transporting and disposing same clear off the work site and back filling the pit with sand to required compaction complete as per Technical Specifications Clause 201 and 305, as directed by the Engineer, for girth size:				
	a) Above 300 mm to 600 mm	No.	300.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	b) Above 600 mm to 900 mm	No.	250.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	c) Above 900 mm to 1800 mm	No.	250.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	d) Above 1800 mm	No.	200.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(Total no of items to be quoted: 14) Total for Bill No. 1 (Carried forward to Summary, p. 73)				Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO.2 : EARTH WORKS					
2.01	Roadway excavation in all kinds of soil necessary for construction of roadway complete as per Technical Specification Clause 301 and as per the direction of Engineer.	Cum	46,986.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
2.02	Construction of embankment with approved material obtained from approved borrow areas with all leads and lifts Complete as per Drawing and technical Specification Clause 305 and as per the direction of the Engineer.	Cum	15,393.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
2.03	Construction of embankment with sand from approved borrow areas with all leads and lifts complete as per Drawing and Technical Specification Clause 305 and as per the direction of the Engineer.	Cum	94,262.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
2.04	Construction of subgrade and earthen shoulder with moorum/ gravelly soil having CBR value 10% or more from approved borrow areas with all leads and lifts Complete as per Drawing and technical Specification Clause 305 and as per the direction of the Engineer.	Cum	1,90,432.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
2.05	Construction of embankment with suitable material deposited at site from roadway and structure excavation all complete as per Drawing and Technical Specification Clause 305 and as per the direction of the Engineer.	Cum	28,192.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
2.06	Loosening and re-compacting the existing subgrade in all kinds of soil up to a depth of 300mm/500mm to meet the requirement of table 300-2 complete as per Technical Specification Clause 305 and as per the direction of the Engineer.	Cum	11,151.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
2.07	Earthwork with agriculture soil for filling of median/island complete as per Technical Specification Clause 407 and as per the direction of the Engineer.	Cum	675.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
2.08	Scarifying the existing bituminous surface layers without disturbing the base including transporting and disposing off waste material at approved location complete as per Technical Specification Clause 501 and as per the direction of the Engineer.	Sqm	15,850.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
2.09	Stripping, storing of top soil by road side at 15 m internal and re-application on embankment slopes, cut slopes and other areas in localities where the available embankment material is not conducive to plant growth as directed by the Engineer and as per technical specification-301.	Cum	2,682.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(Total no of items to be quoted: 09) Total for Bill No. 2 (Carried forward to Summary, p. 73)					Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO.3 : SUB-BASE AND BASE COURSES					
3.01	Construction of Granular Sub-base course using crushed stone aggregate by providing the materials conforming to Gr-V of Table 400-1 complete as per Technical Specification Clause 401 and as per the direction of the Engineer..	Cum	63,822.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
3.02	Construction of wet mix macadam complete as per Technical Specification Clause 406 and as per the direction of the Engineer.	Cum	47,552.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
(Total no of items to be quoted: 02) Total for Bill No. 3 (Carried forward to Summary, p. 73)					Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO.4 : BITUMINOUS COURSES					
4.01	Providing bituminous Primer coat over granular surface complete all as per Technical Specification Clause 502 and as per the direction of the Engineer.	Sqm	1,92,821.00	in figure : Rs. in Word : Rupees	in figure : Rs.
4.02	Providing Tack coat complete as per Technical Specification Clause 503 and as per the direction of the Engineer.				
	(a) Over granular Surface treated with primer	Sqm	1,92,821.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(b) Over normal bituminous surface	Sqm	1,74,473.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
4.03	Providing Dense Bituminous Macadam course using Bitumen Grade-60/70 (VG-30) complete as per Technical Specification Clause 505 and as per the direction of Engineer.	Cum	15,707.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
4.04	Providing bituminous concrete wearing course using CRMB-55 complete as per Technical Specification Clause 507 and as per the direction of the Engineer.	Cum	6,985.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
4.05	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing as per Technical Specification Section 600 and as per the direction of the Engineer.	Cum	14,809.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
4.06	Construction of un-reinforced, dowel jointed, plain cement concrete pavement of M40 grade with 43 grade cement @ minimum 400 kg per cum , over a prepared dry lean concrete sub base, mixed in a batching and mixing plant as per approved mix design, transported to site by transit mixers, laid either with a fixed form or slip form paver or by hand guided method, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane of 125 micron thickness, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing and Clause 602 of Technical Specifications.	Cum	29,618.00	in figure : Rs. in Word : Rupees	in figure : Rs.
4.07	Providing and laying 20 mm thick Close Graded Premix Mixed Seal Surfacing type A complete as per Technical Specification Clause 508.	Sqm	18,347.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(Total no of items to be quoted: 08) Total for Bill No. 4 (Carried forward to Summary, p. 73)					Rs.

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO.5 : CULVERTS					
5.01	Earthwork in excavation of foundation for structures complete as per Drawing and Technical Specifications Clause 304 including all leads and lifts and as per the direction of the Engineer.	Cum	2,922.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.02	Earth fill below pitching in quadrant portion with approved material complete as per Drawing and Technical Specification Clause 305 with all leads and lifts and as per the direction of the Engineer.	Cum	470.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.03	Providing and filling behind abutment, wing wall and return wall with granular material etc. Layers not exceeding 150mm thick including all leads and lifts complete as per Drawing, direction of the Engineer and Technical Specification Clause 304 and as per the direction of the Engineer.	Cum	332.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
5.04	Providing filter media behind abutment, wing wall and return wall complete as per Drawing and Technical Specification Clause 2504, 2509, 2510 and as per the direction of the Engineer.	Cum	80.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.05	Cement Concrete M-15 grade in levelling course and pipe bed etc. including centering and shuttering all complete as per Drawing and Technical Specification Sections 1500 and 1700 and as per the direction of the Engineer.	Cum	1,844.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.06	Cement Concrete M-15 grade in substructure & headwall including centering and shuttering all complete as per Drawing and Technical Specification Sections 1500, 1700, 2200 and as per the direction of the Engineer.	Cum	1,199.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.07	Reinforced cement concrete (M-20 grade) in all types of culverts as per Drawing and Technical Specification Section 1500, 1700 & 2200 and as per the direction of the Engineer.	Cum	1,867.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
5.08	Reinforced cement concrete M-30 grade in approach slabs including cost of reinforcement all complete as per Drawing and Technical Specification Clause 2704 and as per the direction of the Engineer.	Cum	102.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.09	HYSD (TMT) bar reinforcement complete as per Drawing and Technical Specifications Clause 1600 and as per the direction of the Engineer.	MT	121.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.10	Providing laying and joining NP-4(I.S 458) hume pipes for culverts on concrete cradle bedding excluding cost of concrete complete as per Drawing Tech. Specification section 2900 and IRC special publication No.13 and as per the direction of the Engineer.				
	a) 1000 mm dia. In Single Row	Lm	895.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
	b) 1200 mm dia. In Single Row	Lm	253.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	c) 1000 mm dia. In Double Row	Double Row-Lm	251.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	d) 1200 mm dia. In Double Row	Double Row-Lm	244.00.	in figure : Rs. in Word : Rupees	in figure : Rs.
5.11	Providing , laying and joining 300 mm dia NP-4 Hume Pipe with collars on first class bedding for utility duct and reptile pass including cost of granular bedding and transportation, loading & unloading, taxes, watering, curing, T&P etc. all complete as per Technical Specification Section 2900 & IRC SP-13 and as per the direction of the Engineer.	Lm	753.00	in figure : Rs. in Word : Rupees	in figure : Rs.
5.12	Providing , laying and joining 1000 mm dia NP-4 Hume pipe in single row on first class bedding for spur road drain including cost of granular bedding and all materials, labour, transportation ,loading & unloading, taxes, watering, curing, T &P etc. All complete as per Technical Specification Section 2900& IRC SP-13 and as per the direction of the Engineer.	Lm	1,278.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
5.13	Providing and laying filter material underneath stone pitching in slopes complete as per Drawing and Technical Specification section 2504, 2509, 2510 and as per the direction of the Engineer.	Cum	282.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.14	Providing and laying stone Pitching on embankment slopes complete as per Drawing and Technical Specification Clause 2504 and as per the direction of the Engineer.	Cum	438.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.15	Providing rubble stone flooring in Cement mortar (1 Cement: 3 Sand) and joints complete as per Drawing and Technical Specification Section 1400, 2504 and as per the direction of the Engineer.	Cum	291.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.16	Providing weep holes in box portion, return wall, wing wall etc. all complete as per Drawing and Technical Specification Clause. 2706 and as per the direction of the Engineer.	Nos	120.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
5.17	Supplying, fitting and fixing tar paper bearing in position complete with all accessories as per drawings and technical specification clause 2605, and as per the direction of the Engineer.	Sqm	8.00	in figure : Rs. in Word : Rupees	in figure : Rs.
5.18	Supplying and fixing Asphaltic Plug expansion joints complete as per Drawing and as per IRC: SP: 69-2005 and as per the direction of the Engineer.	Rmt	103.00	in figure : Rs. in Word : Rupees	in figure : Rs.
5.19	Cement Concrete M-15 grade for parapet Wall as per drawing and Technical Specifications 1500, 1700, 2100 and 2200 and as per the direction of Engineer.	Cum	39.00	in figure : Rs. in Word : Rupees	in figure : Rs.
5.20	Bituminous wearing course 56mm thick comprising 50mm thick asphaltic concrete in a single layer over Bituminous mastic course 6mm thick with a prime coat complete as per Drawing and Technical Specification Section 503,516 & 2700 and as per the direction of the Engineer.	Sqm	464.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
5.21	Synthetic enamel painting of culvert No. and span arrangement as per IRC - 7 - 1971 and as per the direction of the Engineer.	Nos.	180.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.22	Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface etc. Complete as per the direction of Engineer.	Sqm	97.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
5.23	Providing Sand Filling in Foundation Trenches as per Drawing & Technical Specification Clause 304 and as per the direction of the Engineer.	Cum	1,513.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
(Total no of items to be quoted: 26) Total for Bill No. 5 (Carried forward to Summary, p. 73)					Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO.6 : BRIDGES					
6.01	Earthwork in excavation of foundation for structures complete as per Drawing and Technical Specification Clause 304 including all leads & lift and as per the direction of the Engineer.	Cum	4,906.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.02	Providing and filling foundation and at the back of abutment, wing wall and return wall etc. and below pipe bed in layers not exceeding 150mm thick with granular material including all leads & lifts as per Technical Specification Clause 304 and as per the direction of the Engineer.	Cum	1,859.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.03	Providing Filter media behind abutment, wing wall and return wall complete as per Drawing and Technical Specification Clause 2504 and as per the direction of the Engineer.	Cum	100.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
6.04	Cement concrete M-15 grade in levelling course etc. including centering and shuttering all complete as per Drawing and Technical Specification Section 1500 , 1700 & 2100 and as per the direction of the Engineer.	Cum	163.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.05	Cement concrete (M-15 grade) in foundation and substructure etc. including centering and shuttering all complete as per Drawing and Technical Specification Section 1500, 1700, 2100 and as per the direction of the Engineer.	Cum	455.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.06	Reinforced cement concrete M 20 grade in foundation complete as per Drawing & Technical Specification sections 1500, 1700, 2100, 2200 and as per the direction of the Engineer.	Cum	432.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.07	Reinforced Cement Concrete of following grades in substructure complete as per Drawing & Technical Specification sections 1500, 1700, 2200 and as per the direction of the Engineer.				
	a) M-20 Grade	Cum	1,493.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
6.08	Reinforced cement concrete of following grades in super structure complete as per Drawing and Technical Specification section 1500, 1700, 2300 and as per the direction of the Engineer.				
	(a) M-25 Grade	Cum	13.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(b) M-30 Grade	Cum	308.00	in figure : Rs. in Word : Rupees	in figure : Rs.
6.09	Providing HYSD (TMT) bar reinforcement complete as per Drawing and Technical Specifications Clause 1600 and as per the direction of the Engineer.				
	a) in Foundation	MT	35.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	b) in Substructure	MT	119.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	c) in Superstructure	MT	52.00	in figure : Rs. in Word : Rupees	in figure : Rs.
6.10	Providing and fixing Tar Paper Bearing complete as per Drawing and Technical Specification 2000 and as per the direction of the Engineer.	Sqm	26.00	in figure : Rs. in Word : Rupees	in figure : Rs.
6.11	Providing Reinforced Cement Concrete M-30 grade for in approach slabs complete as per Drawing and Technical Specification section 1500, 1600, 1700, 2700 and as per the direction of the Engineer.	Cum	69.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
6.12	Providing Bituminous wearing course 56mm thick comprising 50mm thick asphaltic Concrete with modified bitumen confirming of grade CRMB 55 in a single layer over Bituminous mastic course 6 mm thick with a prime Coat Complete as per Drawing and Technical Specification Section 503, 509, 515 & 2700 and as per the direction of the Engineer.	Sqm	983.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.13	Providing and fixing Drainage Spouts Complete as per Drawing and Technical Specification Clause 2705 and as per the direction of the Engineer.	No	14.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.14	Providing and laying Stone pitching in slopes complete as per Drawing and Technical Specification Section 2504 and as per the direction of the Engineer.	Cum	107.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.15	Providing as laying fitter material underneath Stone pitching in slopes Complete as per Drawing and Technical Specification Clause 2504 and as per the direction of the Engineer.	Cum	54.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
6.16	Providing Weep Holes in abutments, wing walls and return walls etc. as per Drawing and Technical Specification Clause 2706 and as per the direction of the Engineer.	No	168.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.17	Providing rubble Stone flooring in Cement mortar (1Cement:3 sand) and joints Complete as per Drawing and Technical Specification Section 1400 and 2505 and as per the direction of the Engineer.	Cum	403.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.18	Supplying and fixing Asphaltic plug Expansion Joints Complete as per Drawing and as per the direction of the Engineer.	Lm	120.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
6.19	Synthetic enamel painting of culvert No. and span arrangement as per IRC - 7 - 1971 and as per the direction of the Engineer.	No	6.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
6.20	Carrying and Confirmatory bores up to required depth at locations of bridges as directed by the Engineer complete in all respects, conducting all the tests required as directed by the Engineer and as per Technical Specification Section 2400 and interpretation of the bore data and presentation of the results and as per the direction of the Engineer.				
	a) In all types of soil (except hard rock)				
	i) Depth from 0m to 10m	Lm	70.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	ii) Depth from 10m to 20m	Lm	70.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	iii) Depth from 20m to 30m	Lm	25.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	b) in Hard Rock				
	i) Depth from 0m to 5m	Lm	10.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	ii) Depth from 5m to 10m	Lm	7.00	in figure : Rs. in Word : Rupees	in figure : Rs.
6.21	Providing and painting of flood gauge on substructure is fall height and 500mm width and as per the direction of the Engineer.	Lm	30.00	in figure : Rs. in Word : Rupees	in figure : Rs.
6.22	Providing and laying 150mm dia. HDPE Service pipe as per Drawing and as per the direction of the Engineer.	Lm	328.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
6.23	Providing Gravel fill below pitching in quadrant portion with approved material complete as per Drawing and Technical Specification Clause 305 with all leads and lifts and as per the direction of the Engineer.	Cum	432.00	in figure : Rs. in Word : Rupees	in figure : Rs.
6.24	Providing Sand Filling in Foundation Trenches as per Drawing & Technical Specification Clause 304, 305 and as per the direction of the Engineer.	Cum	1122.00	in figure : Rs. in Word : Rupees	in figure : Rs.
6.25	Providing and laying PCC of following grades in flooring as per Drawing & Technical Specification section 1700, 2500 and as per the direction of Engineer.				
	(a) M-15 Grade	Cum	530.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount			
6.26	Providing Reinforced cement concrete crash barrier constructed with M-40 grade concrete with HYSD reinforcement conforming to IRC:21, with MS vertical plate & base plate, 50mm dia pipe and dowel bars 25 mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board, keyed to the structure on which it is built and installed as per design and as per dimensions in the approved drawing and at locations directed by the Engineer and Technical Specification Clause 809, and section 1500, 1600, 1700. The item includes the cost of reinforcement and its fabrication.	Lm	164.00	<table border="1"> <tr> <td>in figure : Rs.</td> <td rowspan="2">in figure : Rs.</td> </tr> <tr> <td>in Word : Rupees</td> </tr> </table>	in figure : Rs.	in figure : Rs.	in Word : Rupees	
in figure : Rs.	in figure : Rs.							
in Word : Rupees								
(Total no of items to be quoted: 33) Total for Bill No. 6 (Carried forward to Summary, p. 73)					Rs.			

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO.7 : RETAINING WALL, DRAINAGE AND PROTECTIVE WORKS					
7.01	Retaining Wall				
(a)	Earthwork in excavation for foundation complete as per Drawing and Technical Specification Clause 304 in Retaining wall for high embankment stretches as per the direction of the Engineer.	Cum	14,043.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(b)	Providing Plain cement concrete M -15 in foundation levelling course etc. including centering and shuttering all complete as per Drawing and Technical Clauses 1500, 1700 and as per the direction of the Engineer.	Cum	871.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(c)	Providing Cement concrete M -20 for reinforced concrete in foundation and substructure including centering and shuttering all complete as per Drawing and Technical Clauses 1500, 1700, 2100 and as per the direction of the Engineer.	Cum	4,926.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
(d)	Providing steel reinforcement HYSD (TMT) for retaining wall complete as per Drawing and Technical Specification Clause 1600 and as per the direction of the Engineer.	MT	394.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
(e)	Providing weep holes in retaining wall complete as per Drawing and Technical Specification Clause 2706 and as per the direction of the Engineer.	Nos.	3,975.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
7.02	Providing and laying stone pitching on embankment slopes as per Drawing and Technical Specification Clause 2504 and as per the direction of the Engineer.	Cum	7,896.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
7.03	Providing and laying filter material underneath stone pitching on embankment slopes as per Drawing and Technical Specification Clause 2504 and as per the direction of the Engineer.	Cum	5,153.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
7.04	Turfing side slopes of main road and service road with grass sods complete as per Technical Specification Clause 307 and as per the direction of the Engineer.	Sqm	82,601.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
7.05	Providing and laying in position pre-cast Cement Concrete saucer drain in blocks of length 500mm of M-35 grade to the required lines and grade over 100mm thick Cement concrete base of M-15 grade including excavation, cost of all material, labour, transportation, taxes, royalties, rent, watering & curing, T & P etc. Complete as per Drawing No-OSRP/CEG/DR and as per the direction of the Engineer.	Lm	19,520.00	in figure : Rs. in Word : Rupees	in figure : Rs.
7.06	Providing and construction of Unlined earthen surface drain to proper line and grade as per Drawing and as per the direction of the Engineer.	Cum	17988.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(Total no of items to be quoted: 10) Total for Bill No. 7 (Carried forward to Summary, p. 73)					Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO-8: ROAD SAFETY AND AMENITIES.					
8.01	Providing and laying plain cement concrete kerb as per Drawing and Technical Specifications Clauses 408, section 1500, 1700 and as per the direction of the Engineer.	Lm	1420.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.02	Providing and laying service ducts with 160/136mm dia HDPE Double Walled Corrugated Pipe conforming to IS:14930 (Part-II) including cutting of trenches and filling thereof as per the direction of Engineer.	Lm	3550.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.03	Providing and fixing Pre-cast RCC boundary posts complete as per Technical Specification Clause 806 and drawing and as per the direction of the Engineer.	No	274.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.04	Providing and fixing Pre-cast RCC/PCC Hectometer, Kilometer and 5th Kilometer stones complete as per Technical Specification Clause 804 and drawing and as per the direction of the Engineer.				
	a) No of (200) Hectometer Stone	No	100.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	b) No of Kilometer stone	No	20.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	c) No. of 5th Kilometer Stone	No	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.05	Constructing footpath/ paved separator at passenger platform / paved part of medians and islands with 50mm thick Chequered tile flooring using 25mm thick pre-cast machine pressed cement concrete chequered tiles over 25mm thick cement mortar bed in CM(1:1) over 100mm thick PCC in CC M-15 over sand filling including cost of all materials, labour, transportation, taxes, royalties, watering, curing, sundries, T&P etc. complete as per Drawing and Technical Specifications and as per the direction of the Engineer.	Sqm	1328.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
8.06	Providing passenger shelters for Bus Bays as per Drawing and Technical Specifications Section 1300, 1500, 1600, 1700, 2100, 2200, 2300 and as per the direction of the Engineer.	No	30.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.07	Providing and laying of hot applied thermoplastic compound in Lane line / Edge marking/ Arrows/ Letters and other markings along the strips 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes, as per Technical Specification section 800 and as per direction of Engineer.	Sqm	13320.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.08	Supplying and fixing sign boards complete as per Technical Specifications Clause 801. Including the cost of Posts, Fitting & fixing. Sheeting will be retro reflective type of high intensively grade and messages / boarders as per drawing and as per the direction of the Engineer.				
(a)	Informatory Signs				
	(i) Facility Information (800 x 600)mm	No	16.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	(ii) Direction Signs (1200 x 700 mm)	No	2.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(iii) Advance Direction (size 1800 x 1200mm) ,	No	4.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(iv) Re-Assurance Sign (1800 X 1200 mm) ,	No	2.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(v) Destination Sign (1500 X 900 mm) ,	No	2.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(vi) Place Identification (1500 X 900 mm) ,	No	28.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	(vii) Bus Lane Sign (450mm x 600mm)	No	30.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(viii) Other Informatory Signs (2100mm x 1500mm)	No	2.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(b)	Cautionary Signs (triangular 900mm side)	No	12.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(c)	Mandatory signs				
	(i) Octagon 900 mm height	No	65.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

Signature of the Authorised Officer

Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	(ii) Triangular 900 mm side	No	259.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.09	Providing & fixing the following retro - reflectorized items complete as per Drawing, Technical Specifications Clause 805 and as per the direction of the Engineer.				
	(i) Roadway delineator	No	222.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(ii) Hazard Marker	No	48.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
	(iii) Object Marker	No	30.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.10	Providing and fixing Pre-cast RCC Guard post with reflective paint marking on the top 25mm width band complete including end anchorage as per Drawing and Technical Specifications Clause 806 and as per the direction of the Engineer.	No	500.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

Signature of Bidder

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
8.11	<p>Providing and fixing of metal beam crash barrier made out of cold rolled steel strip W profile of 3 mm thick having a minimum yield strength of 2400 kg/sqcm, width of 313 mm and depth of corrugation as 83 mm hot dip galvanized of zinc coating @ 550 gm/sq.m. The post and spacer channel is made out of cold rolled channel 150x75x5 mm having minimum yield strength of 2400 kg/sqcm and hot dip galvanized of zinc coating @ 550 gm/sq.m. The total length of post shall be 1900 mm and minimum height of post above concrete foundation shall be 800 mm. The length of spacer channel shall be 330 mm. Job includes neatly fixing new post in cement concrete of M-20 grade complete (cost included) as directed by the Engineer including fasteners and fixing etc. complete. The spacing of the Steel posts shall be about 2 m. The guard rail reflectors of 100 mm dia circular made out of 2 mm thick GI sheet duly fixed with micro-prismatic type sheeting with Type 9 ASTM D 4956-01 standards @ every 5 meters. The rate also includes the cost for supplying & fixing of terminal anchorages at both ends of barrier. The work is to be executed as per drawing, Specifications and as directed by the Engineer.</p>	Lm	9540.00	<p>in figure : Rs.</p> <hr/> <p>in Word : Rupees</p>	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
8.12	Providing and fixing Pedestrian guard rails in modules including painting with approved paint complete as per drawing and Technical Specification Clause 803,1008,1300 & 1700.	Lm	1927.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.13	Supply of colour video coverage in digital format during construction as per Technical Specifications Clause 126 As per requirement and as per the direction of the Engineer.	Set	15.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.14	Providing and making rumble strips comprising of six rumbles in each set etc. complete at required places as per Drawing and as per the direction of the Engineer.	Lm	280.00	in figure : Rs. in Word : Rupees	in figure : Rs.
8.15	Providing road hump complete at required places as per Drawing and as per the direction of the Engineer.	Mtr	155.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount			
8.16	Providing and fixing of bi-directional retro reflective raised pavement markers of approved colour, quality & make conforming to ASTM D-4280 as per approved drawing and locations provided in the schedule made from injection moulded high impact polymer including cleaning, preparation of surface and fixing at position with approved quality adhesives including cost of all materials, labour, transportation, taxes, duties, sundries, T&P etc. complete as per the technical specifications and direction of Engineer.	No	8772.00	<table border="1"> <tr> <td data-bbox="1127 245 1486 293">in figure : Rs.</td> <td data-bbox="1486 245 1961 293">in figure : Rs.</td> </tr> <tr> <td data-bbox="1127 293 1486 873">in Word : Rupees</td> <td data-bbox="1486 293 1961 873"></td> </tr> </table>	in figure : Rs.	in figure : Rs.	in Word : Rupees	
in figure : Rs.	in figure : Rs.							
in Word : Rupees								
<p>(Total no of items to be quoted: 30)</p> <p>Total for Bill No. 8</p> <p>(Carried forward to Summary, p.73)</p>					Rs.			

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO.9 MAINTENANCE, REPAIR AND REHABILITATION					
9.01	Restoration of Rain Cuts (Restoration of rain cuts with soil, moorum, gravel or a mixture of these, clearing the loose soil, benching for 300 mm width, laying fresh material in layers not exceeding 250 mm and compacting with plate compactor or power rammers to restore the original alignment, levels and slopes) as per the direction of Engineer.	Cum	331.00	in figure : Rs. in Word : Rupees	in figure : Rs.
9.02	Maintenance of Earthen Shoulder (filling with fresh soil) (Making up loss of material/irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.) as per direction of the the Engineer.	Sqm	26,460.00	in figure : Rs. in Word : Rupees	in figure : Rs.
9.03	Maintenance of Earth Shoulder (stripping excess soil) (Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor) as per direction of the Engineer.	Sqm	66,150.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
9.04	Filling Pot- holes and Patch Repairs with open - graded Premix surfacing, 20mm. (Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 511, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2) and as directed by the Engineer.	Sqm	26168.00	in figure : Rs. in Word : Rupees	in figure : Rs.
9.05	Epoxy bonding of new concrete to old concrete for jacketing as Technical Specification clause 2805 and as per the direction of Engineer.	Sqm	306.00	in figure : Rs. in Word : Rupees	in figure : Rs.
9.06	Providing temporary diversion including temporary cross drainage works with Crushed Slag for construction of structures plying of traffic in both directions wherever necessary and maintenance including traffic control and safety as per drawing and Technical Specification complete till the operation of the original road/structure including dismantling and clearing debris and as per the direction of Engineer.	Lm	460.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
9.07	Providing temporary passage of traffic by widening existing pavement with Crushed Slag for plying of traffic in both directions wherever necessary and maintenance including traffic control and safety as per drawing and Technical Specification and as per the direction of Engineer.				
(i)	With New Material	Cum	2584.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(ii)	With Salvaged Material obtained from dismantling roadway and /or diversion	Cum	2584.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(Total no of items to be quoted: 08) Total for Bill No. 9 (Carried forward to Summary, p. 73)					Rs.

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
BILL NO.10 ENVIRONMENTAL MITIGATION MEASURES					
10.01	Earthwork in excavation of foundation for structures complete as per Drawing and Technical Specifications Clause 304 including all leads and lifts and as per the direction of the Engineer.	Cum	321.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.02	Sand filling below foundation of wing wall and return wall, pipe bed in layers not exceeding 150mm thick including All leads and lifts complete as per Drawing direction of the Engineer and Technical Specification Clause 304 and as per the direction of the Engineer.	Cum	59.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.03	Providing & laying in position Cement Concrete M-15 grade in foundation, levelling course etc. including centering and shuttering all complete as per Drawing and Technical Specification Sections 1500 and 1700 and as per the direction of the Engineer.	Cum	208.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
10.04	Providing & laying in position Cement Concrete M-20 grade in foundation, levelling course etc. including centering and shuttering all complete as per drawing, Major Jns and Technical Specification Sections 1500 and 1700.and as per the direction of the Engineer.	Cum	43.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.05	Providing weep holes in PCC toe wall with 100mm dia AC pipe at 1mtrs horizontal interval all complete as per Drawing and Technical Specifications cl no. 2706 & 2200 and as per the direction of the Engineer.	No	193.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.06	Providing & laying in position Reinforced cement concrete of M-20 Grade in foundation complete as per Drawing & Technical Specification sections 1700, 2100 & 2200 and as per the direction of the Engineer.	Cum	65.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.07	Providing HYSD (TMT) bar reinforcement with anti-corrosive treatment coating complete as per Drawing and Technical Specifications Clause 1600 and as per the direction of the Engineer.	MT	3.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
10.08	Providing and laying filter material underneath the pitching in slopes at water bodies and ponds as per technical specification clause 2500, drawing and as per the direction of the Engineer.	Cum	116.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.09	Providing and laying stone pitching on slopes over filter material at water bodies and ponds as per technical specification clause 2500 drawing and as per the direction of the Engineer.	Cum	154.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.10	Providing cement paint two coats to the walls as per drawing and as per the direction of the Engineer.	Sqm	473.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.11	Providing and fixing fixed flower vase of bottom(150x150), top (400x400) of depth 300mm and 40mm thick CC M-20 grade as per drawing and as per direction of Engineer.	No	84.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.12	Construction of approach road with GSB and moorum topping well mixed and compacted as hard shoulder as per technical specification clause 400.2 drawing and as per direction of Engineer.	Lm	700.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
10.13	Maintenance of haulage road for 4 occurrences as directed by the Engineer-in-chief throughout the construction period as per technical specification cl.no.3002 and as per the direction of the Engineer.	Cum	22500.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.14	Stripping of top soil from borrow areas located in agriculture fields, storing at a suitable place, spreading and re-laying after taking the borrow earth to maintain fertility of the agricultural field, finishing it to the required levels and satisfaction of the farmer as per the direction of Engineer.	Cum	30000.00	in figure : Rs. in Word : Rupees	in figure : Rs.
10.15	Providing and making masonry Oil & Grease trap chamber of required size including excavation of foundation in all kinds of soil, 100mm thick bed concrete in CC M15 over 100mm thick sand filling, 1st class KB brick masonry in (1:3) for walls up to required height, covered with 100mm thick RCC slab with man hole covers and reinforcement bars as per design, including 12mm thick cement plaster in CM(1:3) with a neat coat of cement punning to the inside wall surfaces including cost of all materials, labour, transportation, taxes, sundries, curing, T&P etc. all complete as per approved drawing , technical specifications and as per the direction of the Engineer.	No	1	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount			
10.16	Providing silt fence and sediment arrestor in the construction zones and stock piles of top soil by fixing wooden posts of 100mm dia firmly to the ground at required intervals and placing closely woven fabric of coconut fibre reinforced with HDPE materials etc. complete as per drawing, technical specifications including cost of all materials, labour, transportation, taxes, sundries, curing, T&P etc. and as per the direction of the Engineer.	Lm	3500.00	<table border="1"> <tr> <td>in figure : Rs.</td> <td rowspan="2">in figure : Rs.</td> </tr> <tr> <td>in Word : Rupees</td> </tr> </table>	in figure : Rs.	in figure : Rs.	in Word : Rupees	
in figure : Rs.	in figure : Rs.							
in Word : Rupees								
10.17	Grouting stone pitching on embankments of reptile passes for making trap drain 23cm deep with Cement Concrete M15 grade using 20mm down stone aggregates as per drawing, technical specifications including cost of all materials, labour, transportation, taxes, sundries, curing, T&P etc. and as per the direction of the Engineer.	Sqm	421.00	<table border="1"> <tr> <td>in figure : Rs.</td> <td rowspan="2">in figure : Rs.</td> </tr> <tr> <td>in Word : Rupees</td> </tr> </table>	in figure : Rs.	in figure : Rs.	in Word : Rupees	
in figure : Rs.	in figure : Rs.							
in Word : Rupees								

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Amount
10.18	Providing erosion control blanket made from coconut fibre reinforced with closely woven HDPE nets on both sides with apperture size less than 5mm of weight not less than 600 gm/sqm, over embankment slopes including preparation of bed, dressing the slopes, removing boulders, pebbles, vegetations and fixed firmly to the slopes using "U" shape galvanized iron hooks of 4mm diameter having dimension 300x75mm and covered with 100mm thick top soil brought from the stock piles/ approved area , spreading manure and spreading of native seeds or planting of shrubs/ grass and maintaining the same for one month by sprinkling water at regular interval as per drawing , technical specifications including cost of all materials, labour, transportation, taxes, sundries, watering, T&P etc. and as per the direction of the Engineer.	Sqm	600.00	in figure : Rs. in Word : Rupees	in figure : Rs.
(Total no of items to be quoted: 18) Total for Bill No. 10 (Carried forward to Summary, p. 73)					Rs.

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

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C. Daywork Schedule

General

1. Reference should be made to Sub-Clause 13.6 of the General Conditions. Work shall not be executed on a daywork basis except by written order of the Engineer. Bidders shall enter basic rates for daywork items in the Schedules, which rates shall apply to any quantity of daywork ordered by the Engineer. Nominal quantities have been indicated against each item of daywork, and the extended total for Daywork shall be carried forward as a Provisional Sum to the Summary Total Bid Amount. Unless otherwise adjusted, payments for daywork shall be subject to price adjustment in accordance with the provisions in the Conditions of Contract.

Daywork Labour

2. In calculating payments due to the Contractor for the execution of daywork, the hours for labour will be reckoned from the time of arrival of the labour at the job site to execute the particular item of daywork to the time of return to the original place of departure, but excluding meal breaks and rest periods. Only the time of classes of labour directly doing work ordered by the Engineer and for which they are competent to perform 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.

3. The Contractor shall be entitled to payment in respect of the total time that labour is employed on daywork, calculated at the basic rates entered by him in the **Schedule of Daywork Rates: 1. Labour**, together with an additional percentage payment on basic rates representing the Contractor's profit, overheads, etc., as described below:

- (a) The basic rates for labour shall cover all direct costs to the Contractor, including (but not limited to) the amount of wages paid to such labour, transportation time, overtime, subsistence allowances, and any sums paid to or on behalf of such labour for social benefits in accordance with *[country of Borrower]* law. The basic rates will be payable in local currency only.
- (b) The additional percentage payment to be quoted by the bidder and applied to costs incurred under (a) above shall be deemed to cover the Contractor's profit, overheads, superintendence, liabilities, and insurances and allowances to labour, timekeeping, and clerical and office work, the use of consumable stores, water, lighting, and power; the use and repair of staging, scaffolding, workshops, and stores, portable power tools, manual plant, and tools; supervision by the Contractor's staff, foremen, and other supervisory personnel; and charges incidental to the foregoing. Payments under this item shall be made in the following currency proportions:
 - (i) foreign: ____ percent (to be stated by bidder).
 - (ii) local: _____ percent (to be stated by bidder).

Daywork Materials

4. The Contractor shall be entitled to payment in respect of materials used for daywork (except for materials for which the cost is included in the percentage addition to labour costs as detailed heretofore), at the basic rates entered by him in the **Schedule of Daywork Rates: 2. Materials**, together with an additional percentage payment on the basic rates to cover overhead charges and profit, as follows:

- (a) the basic 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. The basic rates shall be stated in local currency, but payment will be made in the currency or currencies expended upon presentation of supporting doCumentation.
- (b) the additional percentage payment shall be quoted by the bidder and applied to the equivalent local currency payments made under (a) above. Payments under this item will be made in the following currency proportions:
 - (i) foreign: ____ percent (to be stated by the bidder);¹
 - (ii) local: _____ percent (to be stated by the bidder);
- (c) the cost of hauling materials for use on work ordered to be carried out as daywork from the store or stockpile on the Site to the place where it is to be used will be paid in accordance with the terms for Labour and Construction in this schedule.

¹ The bidder shall state the percentage in a single foreign currency equivalent and the exchange rates and official sources used.

Daywork Contractor's Equipment

5. The Contractor shall be entitled to payments in respect of Contractor's Equipment already on Site and employed on daywork at the basic rental rates entered by him in the **Schedule of Daywork Rates: 3. Contractor's Equipment**. Said rates shall be deemed to include due and complete allowance for depreciation, interest, indemnity, and insurance, repairs, maintenance, supplies, fuel, lubricants, and other consumables, and all overhead, profit, and administrative costs related to the use of such equipment.² The cost of drivers, operators, and assistants will be paid for separately as described under the section on Daywork Labour.³

6. In calculating the payment due to the Contractor for Contractor's Equipment employed on daywork, only the actual number of working hours will be eligible for payment, except that where applicable and agreed with the Engineer, the travelling time from the part of the Site where the Contractor's Equipment was located when ordered by the Engineer to be employed on daywork and the time for return journey thereto shall be included for payment.

7. The basic rental rates for Contractor's Equipment employed on daywork shall be stated in local currency, but payments to the Contractor will be made in currency proportions, as follows:

- (a) foreign: _____ percent (to be stated by the bidder).⁴
- (b) local: _____ percent (to be stated by the bidder).

² This is an example of wording to include overhead and profit, etc., in the daywork rates. A separate percentage addition could be used as for labour and materials.

³ An alternative, sometimes adopted for administrative convenience, is to include the cost of drivers, operators, and assistants in the basic rates for Contractor's Equipment. The last sentence of paragraph 5 should then be modified accordingly.

⁴ The bidder shall state the percentage in a single foreign currency equivalent and the exchange rates and official sources used.

Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
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Schedule of Daywork Rates: 1. Labour

D101	Labour (Un-skilled)	Day	100	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D 102	Mason (Special Class)	Day	15	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D103	Carpenter (Special Class)	Day	5	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D104	Mason (Second Class)	Day	15	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D105	Carpenter (Second Class)	Day	5	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D106	Steelworker Erector	Day	20	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D107	Driver for vehicle up to 10 tons	Day	15	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D108	Operator for excavator, dragline, shovel or crane	Day	15	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D109	Operator for tractor with dozer blade or ripper	Day	15	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D110	Operator grader	Day	15	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D111	Operator in other construction equipment	Day	15	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D112	Chowkidar for watch & ward	Day	15	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
Subtotal					
D113	Allow _____percent of Subtotal for Contractor's overhead, profit, etc., in accordance with paragraph 3 (b) above				
Total for Daywork : Labour (12 Items) (Carried forward to Daywork Summary, p. <u>72</u>)					

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
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Schedule of Daywork Rates: 2. Materials

D201	Cement, ordinary Portland or equivalent in bags conforming to IS:269:1989 and IS 455:1989	MT	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D202	HYSD reinforcing bars upto 25 mm dia conforming to IS:1786:1989	MT	1.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D203	Bricks of class designation 75 as per IS:1077:1992	1000 Nos	5000 Nos	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D204	Anti Corrosive Bituminous paint	Ltr.	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
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D205	Enamel Paint of any shade & colour (IS:2932-1964 & IS 137-1975)	Ltr.	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D206	Coarse Sand as per IS 1542	Cum	15.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D207	R.R. Stone for masonry	Cum	15.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D208	Crusher broken stone aggregates up to 25 mm nominal size	Cum	15.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
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D209	Crusher broken stone aggregates Above 25 mm nominal size	Cum	15.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D210	Portable water at site	KL	1250.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D211	Gravel/ Moorum for Road work	Cum	15.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D212	Bitumen-VG-30	MT	1.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
Subtotal					
D213	Allow _____percent of Subtotal for Contractor's overhead, profit, etc., in accordance with paragraph 4 (b) above				

Total for Daywork : Materials (12 Items)
(Carried forward to Daywork Summary, p. 72)

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
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Schedule of Daywork Rates: 2. Contractor's Equipment

D301	Excavator, face shovel, or dragging including the cost of operator::				
D301.1	Up to and including 1 m ³	Hour	15.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D301.2	Over 1 m ³ to 2 m ³	Hour	10.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D301.3	Over 2 m ³	Hour	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D302	Tractor, including bull or angle dozer including the cost of operator::				
D302.1	Up to and including 150 kW	Hour	15.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D302.2	Over 150 kW to 200 kW	Hour	10.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D302.3	Over 200 kW to 250 kW	Hour	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D303	Tractor with ripper including the cost of operator::			in figure : Rs. in Word : Rupees	in figure : Rs.
D303.1	Up to and including 200 kW	Hour	10.00	in figure : Rs. in Word : Rupees	in figure : Rs.
D303.2	Over 200 kW to 250 kW	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.
D304	Motor grader including the cost of operator:	Hour	10.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D305	Crane- 5 tonne including the cost of operator:	Hour	10.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D306	Diesel Road Roller, or Vibratory Compactor upto 10 t including the cost of operator:	Hour	10.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D307	Trucks, or Truck tipper, or Truck with mounted water tank or truck with crane for removal of accidental vehicles including the cost of operator:.	Hour	25.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D308	Tractor with trolley, or tractor with water tanker trailer, tractor with ripper Tractor with hydraulic scraper including the cost of operator:				

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
	(a) upto 25 HP	Hour	10.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	(b) For 25-40 HP	Hour	10.00	in figure : Rs. in Word : Rupees	in figure : Rs.
D309	Bitumen mixture (10-14 Cft.) C.C including the cost of operator:	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D310	Water pumping sets mounted on trolley (diesel driven)with inlet & outlet pipes including the cost of operator:.				
	a) Sets up to 10 HP	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	b) Sets 11 to 20 HP	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	c) Sets above 20 HP	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D311	Generator sets mounted on trolley including the cost of operator:				
	a) Sets upto 5 Kva	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.
	b) Sets 5-15 Kva	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.
D312	Mobile Crane / Power winch including the cost of operator:	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D313	Bull Dozer 100/110 Hp including the cost of operator:	Hour	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D314	Plate compactors including the cost of operator:	Hour	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D315	Jack hammers for dismantling including the cost of operator:	Hour	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	
D316	Utility Vehicles including the cost of driver:	Hour	5.00	in figure : Rs.	in figure : Rs.
				in Word : Rupees	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Item No.	Description	Unit	Nominal Quantity	Rate	Extended Amount
D317	Mini Hot Mix Plant (5TPH) including the cost of operator:	Hour	5.00	in figure : Rs. in Word : Rupees	in figure : Rs.
Subtotal					
D318	Allow _____percent of Subtotal for Contractor's overhead, profit, etc., in accordance with paragraph 5 above				
Total for Daywork : Contractor's Equipment (26 Items) (Carried forward to Daywork Summary, p. <u>72</u>)					

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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Daywork Summary

	<i>Amount (Rs.)</i>	<i>% Foreign</i>
1. Total for Daywork: Labour		
2. Total for Daywork: Materials		
3. Total for Daywork: Contractor's Equipment		
Total for Daywork (Provisional Sum) (Carried forward to Summary, p. 73)		

- (1) No. of corrections :-
- (2) No. of overwriting :-
- (3) No. of interpolations:-
- (4) No. of omissions :-

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Grand Summary

<i>General Summary</i>	<i>Page</i>	<i>Amount</i>
BILL NO.1 : SITE CLEARANCE		
BILL NO.2 : EARTH WORKS		
BILL NO.3 : SUB-BASE AND BASE COURSES		
BILL NO.4 : BITUMINOUS COURSES		
BILL NO.5 : CULVERTS		
BILL NO.6 : BRIDGES		
BILL NO.7 : RETAINING WALL, DRAINAGE AND PROTECTIVE WORKS		
BILL NO.8 : ROAD SAFETY AND AMENITIES		
BILL NO.9 : MAINTENANCE, REPAIR AND REHABILITATION		
BILL NO.10 : ENVIRONMENTAL MITIGATION MEASURES		
Subtotal of Bills	(A)	
Total for Daywork (Provisional Sum)	(B)	
Bid Price (A+B) (Carried forward to Form of Bid)	(C)	

- (1) No. of corrections :-
(2) No. of overwriting :-
(3) No. of interpolations:-
(4) No. of omissions :-

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