



GOVERNMENT OF BIHAR



Smart City Patna

“बेहतर हो पहचान अपना, विकसित राजधानी सुन्दर पटना”

&



BUIDCo
Building Better Tomorrow

STANDARD BIDDING DOCUMENT

**PROCUREMENT
OF
WORKS**

NIT No.-BUIDCo/Yo-2540/22-40

STANDARD BIDDING DOCUMENT

**PROCUREMENT
OF
WORKS**

FOR

**CONSTRUCTION OF FOOT OVER BRIDGE FOR PEDESTRIANS AT
ST. XAVIER'S SCHOOL, GANDHI MAIDAN, PATNA (BIHAR)**

**UNDER
SMART CITY MISSION (SCM) IN PATNA
with BUIDCO as implementing agency**

ON

ITEM RATE BASIS



Bihar Urban Infrastructure Development Corporation Limited

A Government of Bihar Undertaking

NOTICE INVITING TENDER

for

Construction of Foot Over Bridge for Pedestrians at St. Xavier's School, Gandhi Maidan Under Patna Smart City, Bihar, India.

(Through e-procurement mode only- www.eproc.bihar.gov.in)

NIT.No- BUIDCo/ Yo-2540/22-40

Date:- 02.11.2022

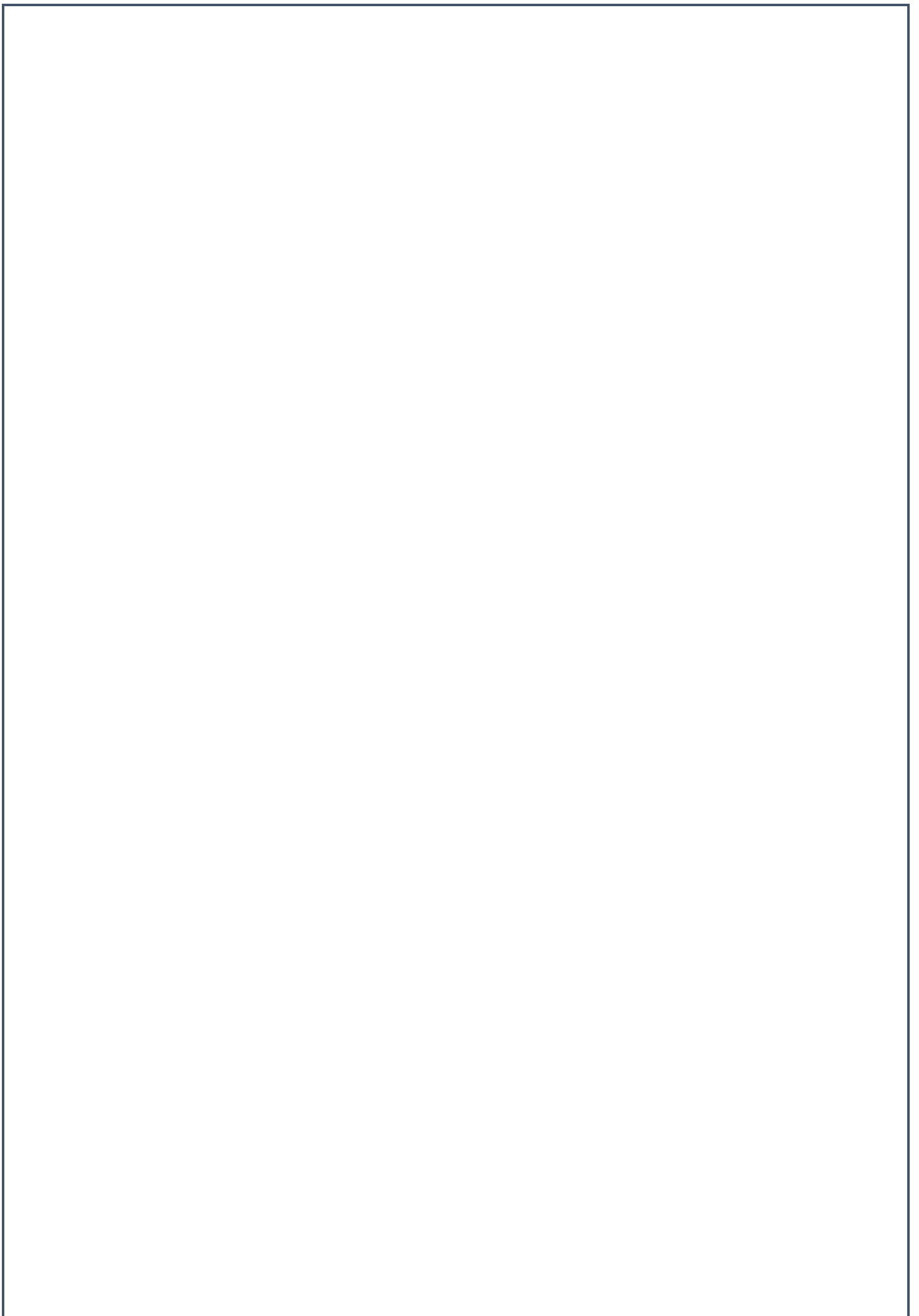
1. Bihar Urban Infrastructure Development Corporation Limited (BUIDCo) invites bids from eligible experienced Firms / Contractors / Agencies / Bidders registered in appropriate category in any government organisation/PSUs for execution of works as given below :-

Name of Work	Estimated Cost	Bid Document	Bid Security (EMD)	Bid Processing Fee	Time for completion
Construction of Foot Over Bridge for Pedestrians at St. Xavier's School, Gandhi Maidan Under Patna Smart City, Bihar, India.	Rs. 3,41,23,000.00	Rs. 23,600.00	Rs. 6,82,460.00	Rs. 17,700.00	06 Months.

2.	Date of Downloading of Bid Document	:	From 08.11.2022 to 30.11.2022 up to 05:00 P.M. Through website : www.eproc.bihar.gov.in .
3.	Place & Date of pre-bid meeting	:	Date:-11.11.2022, Time 03.00 P.M; BUIDCo Office, West Boring Cannal Road (Rajapul) Patna, Bihar, India, PIN -800 001
4.	Last date of Receiving Queries	:	Date:-12.11.2022, Time 05.00 P.M.
5.	Last Date and time for uploading of bid.	:	Date:-30.11.2022 up to 03.00 P.M. Through website : www.eproc.bihar.gov.in .
6.	Last Date and time for submission of hard copy of bid	:	Date:-01.12.2022, Time 03.00 P.M
7.	Time & Date of opening technical bids	:	Date:-01.12.2022, Time 04.00 P.M
8.	Time & date of opening financial bids	:	To be communicated later on.
9.	Place of opening of Bid	:	Through website : www.eproc.bihar.gov.in .
10.	Periods of bids validity	:	120 Days.
11.	Officer inviting bids	:	Chief Engineer, Design, Planning & Monitoring, BUIDCo, Patna.
12.	For participation in E-tendering proc, the contractor shall have to get themselves registered to get User ID, Password & digital signature. This will enable accessing the website www.eproc.bihar.gov.in & download/participate in E-tender.		
13.	The tender documents can be obtained through our website www.eproc.bihar.gov.in & http://buidco.in .		
14.	(i) Bid processing fees to be paid through online mode i.e. Internet payment getaway (Credit/Debit Card), Net Banking, NEFT/RTGS. (ii) Bids along with necessary online payments must be submitted through e-procurement portal www.eproc.bihar.gov.in before the date & time specified in the NIT. The department does not take any responsibility for the delay/Non availability of internet connection, Network Traffic/Holidays or any other reasons"		
15.	Bid document cost should be paid by draft of any scheduled banks payable in favour of Managing Director, Bihar Urban Infrastructure Development Corporation Ltd, Original Bank Draft will have to be submitted in the office of Managing Director, Bihar Urban Infrastructure Development Corporation Ltd, Near Rajapur Pul, West Boring Canal Road, Patna-800001 on or before 03:00 PM on 01.12.2022 failing which the tender will be rejected.		
16.	Earnest Money should be in the form of Bank Guarantee of any scheduled banks payable in favour of Managing Director, Bihar Urban Infrastructure Development Corporation Ltd, on or before 03:00 PM on 01.12.2022 failing which the tender will be rejected. The Estimated Cost may increase or decrease. All the information/corrigendum/addendum related to the project shall be published on the website www.eproc.bihar.gov.in and www.buidco.in .		
17.	The authority shall have the right to reject the bid without assigning any reason what so ever. For any information department help line No. 18003456109 may be used		
18.	Estimate amount may vary. So EMD will be deposited as per Technical Sheet uploaded on the website www.eproc.bihar.gov.in		
19.	Further details of works can be obtained from the office of Chief Engineer, Design, Planning & Monitoring For clarification, regarding the E –tendering process, please contact e-procurement, Helpdesk, first Floor, M/22, Bank of India Building, Road No-25, Sri Krishna Nagar, Patna – 800 001, Telephone no. 0612-2523006, Mobile No –07542028164.		

Sd/-
Chief Engineer,
Design, Planning, Monitoring,
BUIDCo, Patna.

#West Boring Cannal Road (Rajapul) Patna, Bihar, India, PIN -800 001
(Tel: +91 612-2558412, Web:-<http://buidco.in>, Email: mdbuidco@gmail.com)



DISCLAIMER

The information contained in this **Standard Bidding document** (“SBD”) document whether subsequently provided to the bidders, (“Bidder/s”) verbally or in documentary form by Patna Smart City Limited (henceforth referred to as “PSCL” in this document) and BUIDCO or any of its employees or advisors, is provided to Bidders on the terms and conditions set out in this Tender Document and any other terms and conditions subject to which such information is provided.

This SBD is not an agreement and is not an offer or invitation to any party. The purpose of this SBD is to provide the Bidders or any other person with information to assist the formulation of their financial offers (“Bid”). This SBD includes statements, which reflect various assumptions and assessments arrived at by PSCL in relation to this scope. This Tender document does not purport to contain all the information each Bidder may require. This Tender document may not be appropriate for all persons, and it is not possible for the Managing Director (MD), BUIDCO and their employees or advisors to consider the objectives, technical expertise and particular needs of each Bidder.

The assumptions, assessments, statements and information contained in the Bid documents, may not be complete, accurate, adequate or correct. Each Bidder must therefore conduct its own analysis of the information contained in this SBD or seek its own professional advice from appropriate sources.

Information provided in this Tender Document to the Bidder is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. PSCL/BUIDCO accepts no responsibility for the accuracy or otherwise for any interpretation of opinion on law expressed herein. PSCL/BUIDCO and their employees and advisors make no representation or warranty and shall incur no liability to any person, including the Bidder under law, statute, rules or regulations or tort, the principles of restitution or unjust enrichment or otherwise for any loss, cost, expense or damage which may arise from or be incurred or suffered on account of anything contained in this SBD or otherwise, including the accuracy, reliability or completeness of the SBD, and any assessment, assumption, statement or information contained therein or deemed to form part of this SBD or arising in any way in this Selection Process. PSCL/BUIDCO also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this SBD. PSCL may in its absolute discretion, but without being under any obligation to do so, can amend or supplement the information in this SBD.

The issue of this Tender document does not imply that PSCL/BUIDCO is bound to select a Bidder or to appoint the Selected Bidder (as defined hereinafter), for implementation and PSCL reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by PSCL/BUIDCO or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and PSCL/BUIDCO shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation for submission of the Bid, regardless of the conduct or outcome of the Selection process or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and PSCL/BUIDCO shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation for submission of the Bid regardless of the conduct or outcome of the Selection process.

NIT No. - BUIDCO/ Yo-2540/22-40

Patna Smart City Limited PSCL with BUIDCO as implementing agency invites online bids for “**Construction of Foot Over Bridge for pedestrians at St Xavier’s School, Gandhi Maidan**” under Smart City Mission (SCM) in Patna” as per following timelines/Data: -

Sl. No.	Activity	Timeline
1.	Online Sale/Download period of Tender documents	From 08.11.2022 to 30.11.2022 up to 05:00 P.M. https://eproc.bihar.gov.in
2.	Date & time of pre-bid meeting at BUIDCO office Near Rajapur Pul, West Boring Canal Road, Patna-800001 Query may be send only on e-mail id pdhqbidco@gmail.com up to 12.11.2022 No Query will be entertained after the last date and time of submission of queries & other than the given e-mail.	Date:-11.11.2022, Time 05.00 P.M.
3.	Last date and time for submission of bids online	Till 15.00 Hrs. on 30.11.2022 https://eproc.bihar.gov.in
4.	Last date and time for submission of original (hard copy) of EMD & DD (SBDfee)	Till 15.00 Hrs. on 01.12.2022
5.	Date and time of opening of Technical bid	At 16.00 Hrs. on 01.12.2022
6.	Date and time of opening of Financial bid	To be communicated latter on.
7.	Bid Validity period	120 days
8.	Cost of Bid Document	Rs. 23,600/- (Non-Refundable) in the form of Demand Draft in favour of Managing Director, BUIDCO, payable at Patna.
9.	e-proc Bid Processing Fee	Payable to BELTRON as per e-proc norms https://eproc.bihar.gov.in/
10.	Estimated Cost of Project	3,41,23,000.00 only.
11.	Earnest Money Deposit (EMD)	Rs. 6,82,460.00 only (Refundable) in the form of Unconditional Bank Guarantee, DD of Scheduled Bank; Post Office TermDeposit/ FD/NSC to be pledged in favour of Managing Director, BUIDCO, payable at Patna.
12.	Method of Selection	Least Cost Selection Method: Bidder who have qualified the technical qualification criteria and quoted the lowest bid shall be awarded the Project Construction/ Implementation work.
13.	Project Duration	6 (Six) months
14.	Name and Address for Correspondence /Bid Opening Venue	MANAGING DIRECTOR, BUIDCo., Patna.

1. INSTRUCTIONS FOR ONLINE BID SUBMISSION

- (i) PSCL with BUIDCo as implementing agency intends to undertake a competitive bidding process in order to shortlist and qualify suitable Bidders, who shall be eligible for evaluation of their price bids towards selection of the successful bidder in terms of the SBD for award of the project.
- (ii) The SBD document containing the project profile, invitation for qualification and criteria for evaluation may be obtained from the website: www.eproc2.bihar.gov.in (Under BUIDCO)
- (iii) For support related to e-tendering process, bidders may contact “e- Procurement HELP DESK, First Floor, Plot No.- M/22, Road No.-25, Sri Krishna Nagar, Bank of India Compound, Patna-800001, Contact No: 0612-2523006; 7542028164”.
- (iv) PSCL with BUIDCO as implementing agency will not be responsible, in case of any delay, due to any reason whatsoever, in receipt of Bid Documents.
- (v) The Owner reserves the right to reject any or all Bids or cancel/withdraw the Invitation for Bids (IFB) without assigning any reason whatsoever and in such case, no Bidder/ intending Bidder shall have any claim arising out of such action.
- (vi) For participating in e-tendering process, the contractor shall have to get themselves registered to get used ID, Password and digital signature. This will enable them to access the website www.eproc2.bihar.gov.in and download/participate in e-tender.
- (vii) The bidder must have the Class II/III Digital Signature Certificate (DSC) and e-Tendering User-id of the e-Procurement website before participating in the e-tendering process. The bidder may use their DSC if they already have the DSC. They can also take DSC from any of the authorized agencies. For user-id they have to get registered themselves on e-procurement website <https://www.eproc2.bihar.gov.in/BELTRON> and submit their bids online on the same. Offline bids shall not be entertained by the Tender Inviting Authority for the tenders published in e-procurement platform.
- (viii) The detail of the bidding process and summary of the scope of construction works for the project is included in the SBD document.
- (ix) Any clarifications may be sought online through the tender site, through the contact details or during pre-bid meeting if any. Bidder should take into account the corrigendum if any published before submitting the bids online.
- (x) In the unlikely event of the server for www.eproc2.bihar.gov.in being down for more than two consecutive hours (in the period from midnight to closing time for receipt of tenders) on the last date of receiving of bid, the last date of the same shall be extended by concerned authority only to the next working day till the last receiving time stipulated in the original NIT.
- (xi) The bidders are requested to check their file size of uploaded documents at the time of submission & they should ensure that work file is uploaded. If they feel that the complete

file is not uploaded then they should click on cancel & update the same before submission. The bidders should satisfy themselves of download ability/ visibility of the scanned & uploaded file by them.

- (xii) The bidders must use MS Office-2003 version. File size should be less than 5MB and should be in M.S. word, M.S. Excel, PDF and JPEG Formats.
- (xiii) The bidders shall submit their eligibility and qualification details, Technical bid, Financial bid etc., in the online standard formats given for respective tenders in e-Procurement website (www.eproc2.bihar.gov.in) at the respective stage only. The bidders shall upload the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria / technical bids and other certificate /documents in the e-Procurement website. The bidder shall sign on the supporting statements, documents, certificates, uploaded by him, owning responsibility for their correctness /authenticity.
- (xiv) Bidder must submit the EMD and Tender Fee (**online and original hard copy as well**) and the Technical and Financial Bid in **online only** as per Clause of this SBD. **The Financial bid submitted in hard copy shall be treated as non-responsive and eligible for rejection.** The original hard copy (EMD and Tender Fee) must submit to the Tender Inviting Authority BUIDCO at Near Rajapur Pul, West Boring Canal Road, Patna-800001 Bihar, within bid submission due date and time as indicated in the tender. Scanned copy of the instrument should be uploaded as part of the offer.
- (xv) The bidder has to select the payment option as offline to pay the Tender FEE as applicable and enter details of the instruments.
- (xvi) The details of the DD/any other accepted instrument, physically delivered, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise submitted bid shall not be acceptable or liable for rejection.
- (xvii) A bid processing fee (Non-Refundable) to be paid only through e-Payment modes i.e., Internet Payment Gateway (Master or Visa Card) /Internet Banking/NEFT or RTGS towards charges for online processing charges of e-procurement website.
- (xviii) In exceptional circumstances, the competent authority, PSCL/BUIDCO may solicit the Bidder's Consent to an extension of the period of validity.
- (xix) Corrigendum/ Addendum, if any, will be published on the website itself.
- (xx) For any queries regarding Tendering process, the bidders may contact at address as provided in the tender document.
- (xxi) Bids that are rejected during the bid opening process shall not be considered for further evaluation, irrespective of the circumstances.

2. INTRODUCTION

2.1 About PSCL

Patna Smart City Limited (PSCL) is a Special Purpose Vehicle created under the Patna Municipal Corporation to deliver several Pan City and Area Based Development initiatives with focus on infrastructure and ICT advancements at strategic locations in the city.

2.2 Introduction to Project

The Ministry of Housing and Urban Development (MoHUA), Government of India (GoI) has initiated Smart Cities Mission (SCM), under which selected cities are being developed as smart cities with a focus on improving citizen services with ICT intervention. Smart Cities Mission (SCM) is an urban renewal and retrofitting program by the Government of India with a mission to develop 100 cities all over the country making them citizen friendly, sustainable and investment destination. Under the smart city scheme, Government has emphasized to improve the basic civic amenities of the cities on one hand and the provision of modern technological advances for ease of living on the other hand.

The Smart City Proposal for Patna envisions to implementing a number of projects categorized into Area Based Development (ABD) projects and Pan City components. The ABD projects focuses on physical infrastructure components, whereas the Pan City components focuses on the ICT interventions in the city.

To achieve Patna's vision for a smart city, large numbers of measures are required to be implemented. Considering the priorities echoed by stakeholders during the consultative process and practical feasibility, one of the initiatives shortlisted is Construction of Foot Over Bridge for pedestrians at St Xavier's School, Gandhi Maidan.

PSCL with BUIDCO as implementing agency, wherein BUIDCO will work as the monitoring and execution of the project while PSCL would be the main client for the project. A tripartite agreement would be entered between BUIDCO, PSCL and selected bidder for project execution. The payment to selected bidder would be done by PSCL after certification from BUIDCO. A tripartite agreement will be made with successful bidder, BUIDCO & PSCL for project execution.

3. TECHNICAL QUALIFICATION CRITERIA

SI No.	TECHNICAL QUALIFICATION CRITERIA	REQUIRED DOCUMENT EVIDENCE
1.	Name and Address of Bidder	Bidders Letter Pad
2.	Registration no. & Department	The Agency must be of appropriate Class, registration with Central/State Govt./ Public Undertaking(s)
3.	Bidder's Information	(i) Legal Status of Bidder (ii) Power of attorney of signatory Bid* *(In Notary affidavit of Rs1000/-)
4.	GST Registration	Must possess valid GST registration
5.	PAN	Must quote PAN
6.	Electrical License	Must possess valid Electrical License. In case of valid Electrical License from Third party, notary affidavit with signature of the both bidder and third party, should be provided prior to submission of bid*. *(In Notary affidavit of Rs100/-)
7.	Character certificate	Must possess Character Certificate issued by Superintendent of Police.
8.	EPF	Registration
9.	ESIC	Registration
10.	Cost of Bid Document	Rs. 23,600/- (Rupees Ten Thousand) only (Non-Refundable) in the form of Demand Draft in favour of Managing Director, BUIDCO, payable at Patna.
11	Earnest Money	Rs 6,82,460/- (Rupees Six Lakh Eighty-Two Thousand Four Hundred Sixty) only (Refundable) in the form of Unconditional Bank Guarantee, DD of Scheduled Bank; Post Office Term Deposit/ FD/NSC to be pledged in favour of Managing Director, BUIDCO, payable at Patna.
12	e-proc Bid Processing Fee	Payable to BELTRON as per e-proc norms https://eproc.bihar.gov.in/
13.	Annual Financial Turnover	Minimum Annual Financial Turnover (in all classes of civil engineering construction works only) of amount of construction work, which must be at least equal to 50% of estimated cost of work in any one of the five years mentioned below <u>Financial Years</u> 2017- 2018 2018 – 2019 2019 - 2020 2020 – 2021 2021-2022 The turnover will be indexed at the rate of 8% per year (Base Year 2021-22)

14.	Experience of work of similar nature	Satisfactorily completed as a prime contractor at least one work of similar nature of value not less than 50% of estimated cost of project during last Five years, before one month of date of submission of bid. Similar nature of work: Civil works of which shall include prefabricated /structural steel works.												
15.	Key Personnel's and their Experience	Site Engineer - 2 Nos. B.E. Mech./Civil with 7 Year Experience or Retired Assistant Engineer.												
16.	Plants and Equipment's	(i) Concrete mixer with integral weigh batching facility -1 no. (ii) Crane/Hydra -02 no. (iii) Automatic Steel Cutter Machine-02 no. (iv) Automatic Welding Machine-02 no.												
17.	Availability of Credit Facilities, Undertakings etc.	(i) Evidence of Access to Availability of credit facilities (minimum 10 % of the estimated cost) certified by the Banker. (ii) Undertaking that the bidder would be able to invest a minimum of cost up to 25% of contract value during Implementation of the contract* *(In Notary affidavit of Rs100/-)												
18.	Programme of Construction	All Bidder must Furnish the proposed methodology and programme of construction												
19.	Litigation history	All Bidder must Furnish information regarding litigation during last 5 years												
20.	Declaration for Blacklist/Debarred/Termination	Declaration by the bidder that as on the date of submission of bid, the bidder is not blacklisted/ debarred/ terminated by any Central/State Government Organization/Department/ PSU in India* *(In Notary Affidavit of Rs100/-)												
21.	Bid Capacity (BC)	The Bidder must have Available Bidding Capacity more than the Bid Value. i.e., Total Project cost (Bid Capacity = $A \times N \times 3 - B$) A=Maximum Annual Turn Over after indexation (in Rs.) <table border="1"> <thead> <tr> <th>Financial Years</th> <th>Index</th> </tr> </thead> <tbody> <tr> <td>2018- 2017</td> <td>1.61</td> </tr> <tr> <td>2019- 2018</td> <td>1.46</td> </tr> <tr> <td>2018 – 2019</td> <td>1.33</td> </tr> <tr> <td>2019 – 2020</td> <td>1.21</td> </tr> <tr> <td>2020 – 2021</td> <td>1.10</td> </tr> </tbody> </table> The turnover will be indexed at the rate of 8% for a year (Base Year 2021-22). N=Time of Completion, in years B=Value of work in hand (in Rs.)	Financial Years	Index	2018- 2017	1.61	2019- 2018	1.46	2018 – 2019	1.33	2019 – 2020	1.21	2020 – 2021	1.10
Financial Years	Index													
2018- 2017	1.61													
2019- 2018	1.46													
2018 – 2019	1.33													
2019 – 2020	1.21													
2020 – 2021	1.10													
22.	Bid Validity period	120 days												
23.	Manufacturers'/Producers' Authorization Form	As per SBD format												
24.	Any other document, as specified in the SBD document	As per SBD format												

**STANDARD BIDDING DOCUMENT
PROCUREMENT OF
WORKS**

FOR WORKS COSTING MORE THAN Rs. 2 CRORES

**INVITATION FOR
BID(IFB)**

SECTION 1
INSTRUCTION TO BIDDERS

(ITB)

Section 1: Instructions to Bidders

Table of Clauses

	Page No.		Page No.
A. General		D. Submission of Bids	
1. Scope of Bid	9	19. Sealing and Marking of Bids	16
2. Source of Funds	9	20. Deadline for Submission of Bids	17
3. Eligible Bidders	9	21. Late Bids	17
4. Qualification of the Bidder	10	E. Bid Opening and Evaluation	17
5. One Bid per Bidder	12	22. Bid Opening	17
6. Cost of Bidding	12	23. Process to be Confidential	18
7. Site Visit	12	24. Clarification of Financial Bids	18
B. Bidding Documents		B. 25. Examination of Bids and Determination of Responsiveness	18
8. Content of Bidding Documents		26. Correction of Errors	18
9. Clarifications of Bidding Documents		27. Evaluation and Comparison of Financial Bids	19
10. Amendment of Bidding Documents		F. Award of Contract	
C. Preparation of Bids		28. Award Criteria	19
11. Language of Bid	14	29. Employer's Right to Accept any Bid and to Reject any or all Bids	19
12. Documents Comprising the Bid	14	30. Notification of Award and Signing of Agreement	19
13. Bid Prices	14	31. Performance Security	20
14. Currencies of Bid and Payment	15	32. Advance Payment and Security	20
15. Bid Validity	15	33. Corrupt or Fraudulent Practices	20
16. Bid Security	15	G. Appendix to I TB	21-22
17. Alternative Proposals by Bidders	16	H. Annexure – I	23
18. Format and Signing of Bid	16	Annexure – II	24

A.GENERAL

1. Scope of Bid

- 1.1 The Employer (named in Appendix to ITB) invites bids for the construction of works (as defined in these documents and referred to as "the works") detailed in the table given in IFB. The bidders may submit bids for any or all of the works detailed in the table given in IFB.
- 1.2 The successful bidder will be expected to complete the works by the intended completion date specified in the Contract data.
- 1.3 Throughout these bidding documents, the terms 'bid' and 'tender' and their derivatives (bidder / tenderer, bid/tender, bidding/tendering, etc.) are synonymous.
- 1.4 Administrative authority shall decide that this agreement would be either PERCENTAGE RATE OR ITEM RATE and accordingly the non-relevant sections of this document must be crossed.

2. Funds

- 2.1 The expenditure on this project will be met as decided by the Competent Authority.

3 Eligible Bidders

- 3.1 This *Invitation for Bids* is open to all bidders.
- 3.2 All bidders shall provide in Section 2, Forms of Bid and Qualification Information, a statement that the Bidder is neither associated, nor has been associated, directly or indirectly, with the Consultant; Engineer-in-Charge or any other entity that has prepared the design, specifications, and other documents for the Project or being proposed as Project Manager for the Contract or involved in supervision of the contract. A firm that has been engaged by the Employer to provide consulting services for the preparation or supervision of the works, and any of its affiliates shall not be eligible to bid.
- 3.3 Bidders shall not be under a declaration of ineligibility for delay, failure or corrupt and fraudulent practices by any of the State Govt. or Central Govt. or Public Undertaking or any Autonomous Body.

4. Qualification of the Bidder

- 4.1 All bidders shall provide in Section 2, Forms of Bid and Qualification Information, a preliminary description of the proposed work method and schedule, including drawings and charts indicating miles stones to complete the project on time.
- 4.2 All bidders shall also furnish the following information in Section 2:
 - (i) Evidence of access to or availability of credit facilities (minimum 10% of estimated cost) certified by the bankers.
 - (ii) Undertaking that bidder would be able to invest a minimum of cost upto 25% of the contract value of work, during implementation of contract.
 - (iii) Deleted.
 - (iv) Power of attorney.
- 4.3 If the Employer has not undertaken prequalification of potential bidders, all bidders shall include the following information and documents with their bids in Section 2:
 - (a) copies of original documents defining the constitution or legal status, place of registration, and principal place of business; written power of attorney of the signatory of the Bid to commit the Bidder;
 - (b) total monetary value of construction work performed for each of the last five years;
 - (c) experience in works of a similar nature and size for each of the last five years, and details of works underway or contractually committed; and clients who may be contacted for further information on those contracts;

- (d) major items of construction equipment proposed to carry out the Contract or evidence of arrangement; of possessing them on hire/ lease/ buying as defined therein;
- (e) qualifications and experience of key site management and technical personnel proposed for contract;
- (f) reports on the financial standing of the Bidder, such as profit and loss statements and auditor's reports for the past five years;
- (g) evidence of access to line(s) of credit and availability of other financial resources facilities (10% of contract value), certified by the Bankers (Not more than 3 months old)
- (h) undertaking that the bidder will be able to invest a minimum cash up to 25% of contract value of work, during implementation of work.
- (i) authority to seek references from the Bidder's bankers;
- (j) information regarding any litigation, current or during the last five years, in which the Bidder is involved, the parties concerned and dispute amount;
- (k) Deleted;
- (l) the proposed methodology and programme of construction, backed with equipment planning and deployment, duly supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.

4.4 Bids from Joint ventures are not acceptable.*

4.5 (A) To qualify for award of the contract, each bidder in its name should have in the last five years as referred to in Appendix :-

- (a) Achieved in any one year a minimum annual financial turnover (in all classes of civil engineering construction works only) volume of construction work of at least the amount equal to the 50 % (fifty percent) estimated cost of works for which bid has been invited. The turnover will be indexed at the rate of 8% for a year.
- (b) The "Similar works" for this contract shall be "Prefabricated/Structural steel work." The Bidders will be qualified only if they have completed work(s) during last Five years before one month of bid submission dates as given in NIT.

a) The Bidder must have completed any Prefabricated /structural steel works of value not less than 50% of estimated cost of project.

Notes:

- The Bidders shall submit details of works executed by them as per attached Performa in SBD for the works to be considered for qualification of work experience criteria. Documentary proof such as completion certificates from client clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work should be submitted. The offers submitted without this documentary proof shall not be evaluated.
- Value of successfully substantial completed (90%) portion of any on-going work before the one month of bid submission date.
- (c) executed in any one year, the minimum quantities of the following items of work as indicated in Appendix.

S.No.	Item Description	Quantity
1	PCC/RCC	185 cum
2	Prefabricated Steel works	60 Ton.
3	Lift Works	16 1 (capacity not less than 8 persons)

- (d) The contractor Must possess valid Electrical License. In case of valid Electrical License from Third party, notary affidavit with signature of the both bidder and third party, should be provided prior with submission of hard copy bid.

B. Each bidder should further demonstrate:

- (a) Availability of the testing equipment required for establishing field laboratory to perform mandatory tests e.g. those stated in Appendix to ITB.
- (b) availability for this work of personnel with adequate experience as required; as per Annexure-II.
- (c) liquid assets and/or availability of credit facilities of no less than amount indicated in Appendix
(Credit lines/letter of credit/certificates from Banks for meeting the funds requirement etc.- usually the equivalent of the estimated cash flow for 3months in peak construction period.)

- C.** To qualify for a package of contracts made up of this and other contracts for which bids are invited in the IFB, the bidder must demonstrate having experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual contracts.

4.6 Sub-contractors' experience and resources shall not be taken into account in determining the bidder's compliance with the qualifying criteria except to the extent stated in 4.5(A) above.

4.7 Bidders who meet the minimum qualification criteria will be qualified only if their available bid capacity is more than the total bid value. The available bid capacity will be calculated as under :

$$\text{Assessed Available Bid capacity} = (A * N * 3 - B)$$

where,

A = Maximum value of civil engineering works executed in any one year during the last five years (updated to the price level of the year indicated in Appendix) taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which bids are invited.

B = Value (updated to the price level of the year indicated in Appendix) of existing commitments and on-going works to be completed during the next 1/2 years (period of completion of the works for which bids are invited)

Note : *The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Engineer in charge, not below the rank of an Executive Engineer or equivalent.*

- 4.8 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:
- made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
 - have record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc; and/or
 - participated in the previous bidding for the same work and had quoted unreasonably high bid prices and could not furnish rational justification to the employer.

5. One Bid per Bidder

5.1 Each bidder shall submit only one bid for any work or one package or group. A bidder who submits or participates in more than one Bid (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the Bidder's participation to be disqualified.

6. Cost of Bidding

6.1 The bidder shall bear all costs associated with the preparation and submission of his Bid, and the Employer will in no case be responsible and liable for those costs.

In case of cancellation of tender, cost of bidding document will be charged eachtimes.

7. Site Visit

- 7.1 The Bidder, at the Bidder's own responsibility and risk must visit and examine the Site of Works and its surroundings and obtain 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.
- 7.2. Tender documents are not transferable.

B.BIDDING DOCUMENTS

8. Content of Bidding Documents

- 8.1 The set of bidding documents comprises the documents listed below and addenda issued in accordance with Clause 10;

Section	Particulars	Volume No.
	Invitation for Bids	I
1	Instructions to Bidders	
2	Qualifications of Bidders	
3	Conditions of Contracts	
4	Contract Data	
5	Special condition of Contract	II
6	Technical Specifications	III
7	Bill of Quantities	
8	Securities and other forms	
9	Drawings	IV
10	Documents to be furnished by bidder	V

- 8.2 Bidders will have to download each of the volumes I, II, III and IV in compliance to section 2 and completed documents will be uploaded as Volume- V in two parts (refer clause 12).
- 8.3 The bidder is expected to examine carefully all instructions, conditions of contract, contract data, forms, terms, technical specifications, bill of quantities, forms, Annexes and drawings in the Bid Document. Failure to comply with the requirements of Bid Documents shall be at the bidder's own risk. Pursuant to clause 25 hereof, bids which are not substantially responsive to the requirements of the Bid Documents shall be rejected.

9.1 Pre-bid meeting.

- 9.1.1 The bidder or his official representative is invited to attend a pre-bid meeting which will take place at the address, venue, time and date as indicated in appendix.
- 9.1.2 The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 9.1.3 The bidder is requested to submit any questions in writing or by fax to reach the Employer not later than one week before the meeting.
- 9.1.4 Minutes of the meeting, including the text of the questions raised (without identifying the source of enquiry) and the responses given will be transmitted without delay to all through eproc website. Any modification of the bidding documents listed in Sub-Clause 8.1 which may become necessary as a result of the pre-bid meeting shall be made by BUIDCo exclusively through the issue of an Addendum pursuant to Clause 10 and not through the minutes of the pre-bid meeting. All bidders have to download any addendum from the website. Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.
- 9.1.5 Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

10. Amendment of Bidding Documents

- 10.1** Before the deadline for submission of bids, BUIDCo may modify the bidding documents by issuing addendum.
- 10.2** Any addendum thus issued shall be part of the bidding documents and shall be downloaded by all the bidders.
- 10.3** To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, BUIDCo may, at its discretion, extend as necessary the deadline for submission of bids, in accordance with Sub-Clause 20.2.

C. PREPARATION OF BIDS

11. Language of the Bid

- 11.1 All documents relating to the bid shall be in English/Hindi.

12. Documents Comprising the Bid

- 12.1 The bid to be uploaded by the bidder as Volume V of the bid document (refer Clause 8.1) shall be in two separate parts;

Part I shall be named "Technical Bid" and shall comprise

- (i) Earnest money in the form specified in Section 8
- (ii) Qualification Information and supporting documents as specified in Section- 2
- (iii) Certificates, undertakings, affidavits as specified in Section 2
- (iv) Any other information pursuant to Clause 4.2 of these instructions
- (v) Undertaking that the bid shall remain valid for the period specified in Clause 15.1
- (vi) An affidavit affirming the information he has furnished in the bidding document is correct to the best of his knowledge and belief.

Part II shall be named "Financial Bid" and shall comprise

- (i) Form of Bid as specified in Section 6
- (ii) Priced Bill of Quantities for items specified in Section 7

- 12.2 Deleted.

- 12.3 Following documents, which are not submitted with the bid, will be deemed to be part of the bid.

Section	Particulars	Volume No.
1	Invitation for Bids (IFB)	
2	Instructions to Bidders	Volume I
3	Conditions of Contract	
4	Contract Data	
5	Specifications	Volume II
8	Drawings	Volume IV

13. Bid Prices

- 13.1 The contractor shall bid for the whole work as described in Sub-Clause 1.1 based on the priced Bill of Quantities submitted by the Bidder.
- 13.1.1 The bidder shall adopt the percentage rate method or item rate method as specified in the appendix to ITB; only the same option is allowed to all the bidders.
- 13.1.2 All duties, taxes, and other levies payable by the contractor under the contract or for any other cause shall be included in the rates, prices and total Bid Price submitted by the Bidder.
- 13.2 Deleted.
- 13.3 The rate should include the cost of all seen and unseen expenditure. No claim, whatsoever, will be entertained due to non-inclusion of any such event necessary for the completion of the item of work.

14. Currencies of Bid and Payment

- 14.1 The unit rates and the prices shall be quoted by the bidder entirely in Indian Rupees. All payments shall be made in Indian Rupees.

15. Bid Validity

- 15.1 Bids shall remain valid for a period not less than 120 days after the deadline date for bid submission specified in Clause 20. A bid valid for a shorter period shall be rejected by the Employer as non-responsive. In case of discrepancy in bid validity period between that given in the undertaking pursuant to Clause 12.1 (v) and the Form of Bid submitted by the bidder, the latter shall be deemed to stand corrected in accordance with the former and the bidder has to provide for any additional security that is required.
- 15.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the bidders may extend the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be required or permitted to modify his bid.
- 16. Earnest Money**
- 16.1 The Bidder shall furnish, as part of his Bid, a Bid security in the amount as per NIT for this particular work. This bid security shall be in favor of MD BUIDCo.
- a. Demand Draft of any scheduled Indian Bank.
 - b. Unconditional bank guarantee from any scheduled Indian bank issued within the state in the format given in Vol. III (If issued from any bank outside state will be converted to any bank within the state before executing the agreement).
 - c. Indian post office term deposit 1 year/ 2 year/ 3 year; National saving Certificate; Kisan Vikash Patra duly endorsed by the Competent Postal authority in Bihar.
 - d. Fixed deposit receipt of a Schedule bank, Fixed deposit receipt should be Valid for six months after last date of receipt of tender and shall be pledged in favour of the department.
 - e. 5 year National Development bond/ State development loan Certificate.
- 16.2 Unconditional bank guarantees (and other instruments having fixed validity) issued as surety for the bid shall be valid for 45 days beyond the validity of the bid.
- 16.3 Any bid not accompanied by an acceptable Bid Security and not secured as indicated in Sub-Clauses 16.1 and 16.2 above shall be rejected by the Employer as non-responsive.
- 16.4 The Earnest money of unsuccessful bidders will be returned within 28 days of the end of the bid validity period specified in Sub-Clause 15.1.
- 16.5 The Earnest money of the successful bidder will be discharged when the bidder has signed the Agreement and furnished the required Performance Security.
- 16.6 The Earnest money may be forfeited
- (a) if the Bidder withdraws the Bid after Bid opening during the period of Bid validity;
 - (b) if the Bidder does not accept the correction of the Bid Price, pursuant to Clause 26; or
 - (c) in the case of a successful Bidder, if the Bidder fails within the specified time limit to
 - (i) sign the Agreement; or
 - (ii) Furnish the required Performance Security.
- 17. Alternative Proposals by Bidder**
- 17.1 Bidders shall submit offers that fully comply with the requirements of the bidding documents, including the conditions of contract (including mobilization advance or time for completion), basic technical design as indicated in the drawing and specifications. Conditional offer or alternative offers will not be considered further in the process of tender evaluation.
- 17.2 Conditional tender will be rejected forthwith.
- 18. Format and Signing of Bid**
- 18.1 The Bidder shall upload Technical bid and financial bid comprising of the documents as described in clause 12 of ITB at the eproc site (www.eproc2.bihar.gov.in)
- 18.2 The Bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Bidder, pursuant to Sub-Clause 4.3. All pages of the bid where entries or amendments have been made shall be initialed by the person or persons signing the bid and a certificate of corrections must be given by BUIDCo.
- 18.3 The Bid shall contain no alterations or additions, except those to comply with instructions issued by BUIDCo, or as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

D.SUBMISSION OF BIDS

(only on website: www.eproc2.bihar.gov.in)

(Sl.No. 19 To 21.1, shall be done through e-tendering Process)

19. Sealing and Marking of Bids

19.1 The bidder shall download the bid document from the site website: www.eproc2.bihar.gov.in and upload the scanned copy of required documents together with filled up documents on the website.: www.eproc2.bihar.gov.in

The contents of Technical and Financial Bids will be as specified in clause 12.1

19.2 Deleted.

19.3 Deleted.

19.4 Deleted.

20. Deadline for Submission of the Bids

20.1 Complete Bids (including Technical and Financial) must be uploaded at www.eproc2.bihar.gov.in not later than the date indicated in appendix.

20.2 The Employer may extend the deadline for submission of bids by issuing an amendment in accordance with Clause 10, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will then be subject to the new deadline.

21. Late Bids

21.1 Deleted.

E. BID OPENING AND EVALUATION

(Only on website: www.eproc2.bihar.gov.in)

(Sl.No. 22 To 27.5, All Process shall be done through e-tendering Process)

22. Bid Opening

22.1 BUIDCo or their authorized representative will open all the Bids submitted on www.eproc2.bihar.gov.in at the time and date specified in Appendix in the manner specified in Clause 20 and 22.3.

22.2 Deleted.

22.3 The "Technical Bid" shall be opened on the website www.eproc2.bihar.gov.in. The amount, form and validity of the Earnest money furnished with each bid will be verified. If the bid security furnished does not conform to the amount and validity period as specified in the Invitation for Bid (ref. Column 6), and has not been furnished in the form specified in Clause 16, the technical bid will not be opened.

22.4 (i) Subject to confirmation of the bid security by the issuing Bank, the bids accompanied with valid security will be taken up for evaluation with respect to the Qualification Information and other information furnished in Part I of the bid pursuant to Clause 12.1.

(ii) After receipt of confirmation of the bid security, the bidder will be asked in writing (usually within 10 days of opening of the Technical Bid) to clarify or modify his technical bid, if necessary, with respect to any rectifiable defects.

(iii) The bidders will respond in not more than 7 days of issue of the clarification letter.

(iv) Immediately (usually within 3 to 4 days), on receipt of these clarifications the Evaluation Committee will finalize the list of responsive bidders whose financial bids are eligible for consideration.

22.5 The Financial bids of only those bidders will be opened on the website www.eproc2.bihar.gov.in, who qualifies in the technical evaluation. The remaining bids will not be opened. The responsive Bidders' names, the Bid prices, the total amount of each bid, any discounts, Bid Modifications and withdrawals, and such other details as BUIDCo may consider appropriate, will be announced by BUIDCo at the opening. Any Bid price or discount, which is not read out and recorded will not be taken into account in Bid Evaluation.

22.6 In case bids are invited in more than one package, the order for opening of the "Financial Bid" shall be that in which they appear in the "Invitation For Bid".

22.7 BUIDCo shall prepare minutes of the Bid opening, including the information disclosed to those present in accordance with Sub-Clause 22.5

23. Process to be Confidential

23.1 Information relating to the examination, clarification, evaluation and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any effort by a Bidder to influence BUIDCo's processing of Bids or award decisions may result in the rejection of his Bid.

24. Clarification of Financial Bids

24.1 To assist in the examination, evaluation and comparison of Bids, BUIDCo may, at his discretion, ask any Bidder for clarification of his Bid, including breakdowns of unit rates. The request for clarification and the response shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by BUIDCo in the evaluation of the Bids in accordance with Clause 26.

24.2 Subject to sub-clause 24.1, no Bidder shall contact BUIDCo on any matter relating to his bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of BUIDCo, it should do so in writing.

24.3 Any effort by the Bidder to influence BUIDCo in BUIDCo's bid evaluation, bid comparison or contract award decisions may result in the rejection of the Bidders' bid.

25. Examination of Bids and Determination of Responsiveness

25.1 During detailed evaluation of "Technical Bids", BUIDCo will determine whether each Bid (a) meets the eligibility criteria defined in Clause 3 and 4; (b) has been properly signed; (c) is accompanied by the required securities and; (d) is substantially responsive to the requirements of the Bidding documents. During the detailed evaluation of the "Financial Bid", the responsiveness of the bids will be further determined with respect to the remaining bid conditions, i.e., priced bill of quantities, technical specifications, and drawings.

25.2 A substantially responsive "Financial Bid" is one which conforms to all the terms, conditions, and specifications of the Bidding documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality or performance of the Works; (b) which limits in any substantial way, inconsistent with the Bidding documents, BUIDCo's rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

25.3 If a "Financial Bid" is not substantially responsive, it will be rejected by BUIDCo, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

26. Correction of Errors

26.1 "Financial Bids" determined to be substantially responsive will be checked by BUIDCo for any arithmetic errors. Errors will be corrected by BUIDCo as follows:

(a) Where there is a discrepancy between the rates in figures and in words, the rate in words will govern; and

(b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quality, the unit rate as quoted will govern.

26.2 The amount stated in the "Financial Bid" will be corrected by BUIDCo in accordance with the above procedure and the bid amount adjusted with the concurrence of the Bidder in the following manner:

(a) If the Bid price increases as a result of these corrections, the amount as stated in the bid will be the 'bid price' and the increase will be treated as rebate;

(b) If the bid price decreases as a result of the corrections, the decreased amount will be treated as the 'bid price'

Such adjusted bid price shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount the Bid will be rejected, and the Earnest money may be forfeited in accordance with Sub-Clause 16.6(b).

27. Evaluation and Comparison of Financial Bids

27.1 BUIDCo will evaluate and compare only the Bids determined to be substantially responsive in accordance with Sub-Clause 25.2.

27.2 In evaluating the Bids, BUIDCo will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:

(a) making any correction for errors pursuant to Clause 26; or

(b) making any appropriate adjustments for any other acceptable variations, deviations.

27.3 BUIDCo reserves the right to accept or reject any variation or deviation. Variations and deviations

- and other factors, which are in excess of the requirements of the Bidding documents or otherwise result in unsolicited benefits for BUIDCo, shall not be taken into account in Bid evaluation.
- 27.4 If the Bid of the successful Bidder is seriously unbalanced in relation to the Engineer's estimate of the cost of work to be performed under the contract, BUIDCo may require the Bidder to produce detailed price analysis 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 analysis, BUIDCo may require that the amount of the performance security set forth in Clause 31 be increased at the expense of the successful Bidder to a level sufficient to protect BUIDCo against financial loss in the event of default of the successful Bidder under the Contract.
- 27.5 A bid, in the opinion of employee which contains several items in the Bill of Quantities which are unrealistically priced low and which cannot be substantiated satisfactorily by the bidder, may be rejected as non-responsive.

F. AWARD OF CONTRACT

28. Award Criteria

- 28.1 Subject to Clause 29, BUIDCo will award the Contract to the Bidder whose Bid has been determined
- (i) to be substantially responsive to the Bidding documents and who has offered the lowest evaluated Bid Price; and
 - (ii) to be within the available bid capacity adjusted to account for his bid price which is evaluated the lowest in any of the packages opened earlier than the one under consideration.

In no case, the contract shall be awarded to any bidder whose available bid capacity is less than the evaluated bid price, even if the said bid is the lowest evaluated bid. The contract will in such cases be awarded to the next lowest bidder at his evaluated bid price.

29. BUIDCo's Right to Accept any Bid and to Reject any or all Bids
Notwithstanding Clause 28, BUIDCo reserves the right to accept or reject any Bid, and to cancel the Bidding process and reject all Bids, at any time prior to the award of Contract, without thereby in incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for BUIDCo's action.

30. Notification of Award and Signing of Agreement

- 30.1 The Bidder whose Bid has been accepted will be notified of the award by BUIDCo prior to expiration of the Bid validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the *General Conditions of Contract* called the "Letter of Acceptance") will state the sum that BUIDCo will pay the Contractor in consideration of the execution, completion and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").
- 30.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of the performance security in accordance with the provisions of Clause 31.
- 30.3 The Agreement will incorporate all agreements between BUIDCo and the successful Bidder. It will be signed by BUIDCo and the successful Bidder, after the performance security is furnished.

31. Performance Security

- 31.1 Within 10 (Ten) days of receipt of the Letter of Acceptance, the successful Bidder shall deliver to BUIDCo a Performance Security in any of the forms given below for an amount equivalent 2% of the Contract price plus additional security for unbalanced Bids in accordance with the Clause 27.4 of ITB and the provisions of Bihar Financial Rules / RCD Notification No-448(S) & 449(S), dated 16.01.2020.
- 31.2 If the performance security is provided by the successful Bidder in the form of Bank Guarantee, it shall be issued either (a) at the Bidder's option, by a Nationalized/ Scheduled Indian bank within state or (b) acceptable to BUIDCo.
- 31.3 Failure of the successful Bidder to comply with the requirements of Sub-Clause 31.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Bid Security.

32. Advance Payment and Security

- 32.1 BUIDCo will provide an Advance Payment on the Contract Price as stipulated in the General Conditions of Contract, subject to maximum amount, as stated in the Contract Data.
33. Corrupt or Fraudulent Practices

- 33.1 BUIDCo will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question and will declare the firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract with BUIDCo or any other agencies, if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for the contractor, or in execution.
- 33.2 Furthermore, Bidders shall be aware of the provision stated in Sub-Clause and Sub-Clause 14 of the General Conditions of Contract.

G. APPENDIX to ITB

Clause Reference with respect to Section-I.

1.	Name of the Employer: Bihar Urban Infrastructure Development Corporation Ltd. (BUIDCo).	[Cl. 1.1]												
2.	<p>The last five years means for this tender</p> <p style="text-align: center;"> <u>2017 – 2018</u> <u>2018 – 2019</u> <u>2019 – 2020</u> <u>2020 – 2021</u> <u>2021 – 2022</u> </p>													
3.	The required annual financial turn over amount is Rs. 1,70,61,395/-	[Cl. 4.5A(a)]												
4.	Value of work is Rs. 1,70,61,395/- which inter alia include prefabricated / structural steel works.	[Cl. 4.5A(b)a]												
5.	<p>Quantities of work are</p> <p>(a) Cement Concrete (including RCC and PCC 185 cum</p> <p>(b) Prefabricated Steel works 60 Ton</p> <p>(c) Lift Work 1 (Capacity not less than 8 persons)</p>	[Cl. 4.5A(c)]												
6.	Liquid assets and/or availability of credit facilities is 10% of Estimated Cost.	[Cl. 4.4B(c)]												
7.	Price level of the financial year RCD 2022 & BCD 2022													
8.	The pre –bid meeting will take place at BUIDCo office at 03:00 PM on Date 11-11-2022	[Cl. 9.1]												
9.	The technical bid will be opened at 04:00 PM on 01-12-2022 through website www.eproc2.bihar.gov.in .													
10.	<p>Address of the Employer</p> <p>Chief Engineer (PDM),</p> <p>Bihar Urban Infrastructure Development Corporation Limited.</p> <p>Rajapur pul, West Boring Canal Road, Patna-800 001</p>	[Cl. 4.5(a)]												
11.	<p>Identification:</p> <p>Bid for: Construction of Foot Over Bridge for Pedestrians at St. Xavier’s School, Gandhi Maidan Under Patna Smart City, Bihar, India.</p> <p>NIT :- BUIDCo/YO-2540/22-40 dated 02.11.2022</p>	[cl. 19.2(b)]												
12.	Bids may be submitted only in <u>Item Rate Method of BOQ</u>													
13.	The bid should be submitted (Upload) latest by 30-11-2022 upto 03:00 PM through website: www.eproc2.bihar.gov.in only.	[Cl. 20.1(a)]												
14.	The Bank Draft in favor of <u>Managing Director, Bihar Urban Infrastructure Development Corporation Limited. Patna.</u>	[Cl. 34.1]												
22.	<p>Escalation factors (for the cost of works executed and financial figure to a common base value for works completed)</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Year before</th> <th style="text-align: center;">Multiply factor</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">One</td> <td style="text-align: center;">1.10</td> </tr> <tr> <td style="text-align: center;">Two</td> <td style="text-align: center;">1.21</td> </tr> <tr> <td style="text-align: center;">Three</td> <td style="text-align: center;">1.33</td> </tr> <tr> <td style="text-align: center;">Four</td> <td style="text-align: center;">1.46</td> </tr> <tr> <td style="text-align: center;">Five</td> <td style="text-align: center;">1.61</td> </tr> </tbody> </table>	Year before	Multiply factor	One	1.10	Two	1.21	Three	1.33	Four	1.46	Five	1.61	
Year before	Multiply factor													
One	1.10													
Two	1.21													
Three	1.33													
Four	1.46													
Five	1.61													

List of Key Plant & Equipment to be deployed on ROAD Work

[Reference Cl. 4.5 (B) (a)]

Sl.	Type of Equipment*	Max *** age as on 1.10.2022	Road Contract Package Size **				
			Within one crore	Rs. 1- 5 Crores	Rs. 5- 30 Crores	Rs. 31-50 Crores	Above 50 Crores
1.	Concrete mixer with integral weigh batching facility -	Five years		1			
2.	Crane/Hydra			2			
3.	Automatic Steel Cutter Machine-			2			
4.	Automatic Welding Machine			2			
5.	D G.			1			
Total -				08			

List of Key Personnel to be deployed on Contract Work (Indicative)

[Reference Cl. 4.4(B) (b)]

Sl. No.	Personnel*	Qualification	Contract Package Size						
			Rs. 5-30 Lacs	Rs. 30 Lacs to 70 Lacs	Rs. 70 Lacs to 2 Crores	Rs. 2-10 Crores	Rs. 10-30 Crores	Rs. 31-50 Crores	More than 50 Crores
1.	Project Manager	B.E. Civil + 10 Years Exp. (5 years as Manager) or retired E.E.					1 No.	1 No.	1 No.
2.	Site Engineer	B.E. Civil + 07 Years Exp. (3 years in Road Construction) or retired A.E.			1 No.	1 No.	1 No.	2 Nos.	4 Nos.
3.	Plant Engineer	B.E. Mech./ Civil + 05 Years Exp. or Dip. Mech + 07 Years Exp. or Retired J.E.				1 No.	1 No.	1 No.	2 Nos.
4.	Quantity Surveyor	B.E. Civil + 05 Years Exp. or Dip. Civil + 07 Years Exp.						1 No.	2 Nos.
5.	Soil & Material Engineer	B.E. Civil + 07 Years Exp.						1 No.	2 Nos.
6.	Survey Engineer	B.E. Civil + 03 Years Exp. or Dip. Civil + 05 Years Exp.						1 No.	2 Nos.
7.	Site Supervisor	Fresh Graduate in Civil or Diploma Civil + 03 Years Exp. or retired I.T.I Holder.		1 No.	1 No.	1 Nos.	2 Nos.	3 Nos.	4 Nos.
	Total			1	2	3	5	10	17

* The designation and no. of the personnel has to be decided by the department concerned as per the requirement.

SECTION 2

QUALIFICATION INFORMATION

(To be filled in by Bidder)

QUALIFICATION INFORMATION

The information to be filled in by the Bidder in the following pages will be used for purposes of post qualification as provided for in Clause 4 of the Instructions to Bidders. This information will not be incorporated in the Contract.

1. For Individual Bidders

1.1 Constitution or legal status of Bidder

(Attach copy)

Place of registration:

Principal place of business:

Power of attorney of signatory of Bid

(Attach)

1.2 Total value of Civil Engineering construction 200_____200_____ work performed in
the last five years**
(In Rs. Lac) 200_____200_____

1.3.1 Work performed as prime contractor, work performed in the past as a nominated sub- contractor will also be considered provided the sub-contract involved execution of all main items of work described in the bid document, provided further that all other qualification criteria are satisfied (in the same name) on works of a similar nature over the last five years.**

Project Name	Name of the Employer*	Description of work	Contract No.	Value of Contract (Rs. In Crore)	Date of issue of work order	Stipulated period of completion	Actual date of completion*	Remarks explaining reasons for delay & work completed)

* Attach certificate(s) from the Engineer(s)-in-Charge

** Immediately preceding the financial year in which bids are received.

Attach certificate from Chartered Accountant.

1.3.2. Quantities of work executed as prime contractor, work performed in the past as a nominated sub-contractor will also be considered provided the sub-contract involved execution of all main items of work described in the bid document, provided further that all other qualification criteria are satisfied (in the same name and style) in the last five years: **

Year	Name of the work	Name of the Employer*	Quantity of work performed (cum) @					Remarks* (indicate contract Ref)
			Cement Concrete (including RCC & PCC)	Masonry	Earth works	WBM	WMM	
200__200__								
200__200__								
200__200__								
200__200__								
200__200__								

1.4 Information on Bid Capacity (works for which bids have been submitted and works which are yet to be completed) as on the date of this bid.

(A) Existing commitments and on-going works:

Description of works	Place & State	Contract No.	Name & Address of Employer	Value of Contract (Rs Cr)	Stipulated Period of Completion	Value of works* remaining to be completed (Rs Cr)	Anticipated date of completion
1	2	3	4	5	6	7	8

* Attach certificate(s) from the Engineer(s)-in-Charge

@ The item of work for which data is requested should tally with that specified in ITB clause 4.5A (c)

** Immediately preceding the financial year in which bids are received. # Delete, if prequalification has been carried out.

(B) Works for which bids already submitted:

Description of works	Place & State	Name & Address of Employer	Estimated value of works (Rs Cr)	Stipulated period of completion	Date when decision is expected	Remarks, if any
1	2	3	4	5	6	7

1.5 Availability of key items of Contractor’s Equipment essential for carrying out the Works [Ref. Clause 4.5(B)(a)]. The Bidder should list all the information requested below. Refer also to Sub Clause 4.3 (d) of the Instruction to Bidders.

Description of works	Requirement		Availability proposals			Remarks (from whom to be purchased)
	No.	Capacity	Owned/Leased to be procured	Nos./Capacity	Age/Condition	
1	2	3	4	5	6	7

1.6 Qualifications and experience of key personnel required for administration and execution of the Contract [Ref. Clause 4.5(B)(b)]. Attach biographical data. Refer also to Sub Clause 4.3 (e) of instructions to Bidders and Sub Clause 9.1 of the Conditions of Contract.

Position	Name	Qualification	Year of Experience (General)	Years of experience in the proposed position

1.7 Proposed sub-contracts and firms involved. [Refer ITB Clause 4.3(k)] (Deleted)

Sanction of the works	Value of Sub-contract	Sub-contractor (Name & Address)	Experience in similar work
1	2	3	4

Attach copies of certificates on possession of valid license for executing water supply/ sanitary work/building electrification works [Reference Clause 4.5(d) & Clause 4.5(e)]

***1.8** Financial reports for the last five years: balance sheets, profit and loss statements, auditors'reports (in case of companies/corporation), etc. List them below and attach copies.

1.9 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, etc. List them below and attach copies of support documents.

1.10 Name, address and telephone, telex and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer.

1.11 Information on litigation history in which the Bidder is involved.

Other Party (ies)	Employer	Cause of Dispute	Amount involved	Remarks showing Present Status

1.12 Statement of compliance under the requirements of Sub Clause 3.2 of the instructions to Bidders. (Name of Consultant engaged for project preparation is **)

1.13 Proposed work method and schedule. The Bidder should attach descriptions, drawings and charts as necessary to comply with the requirements of the Bidding documents. [Refer ITB Clause 4.1 & 4.3(1)]

1.14 Programme

1.15 Quality Assurance Programme

2. Additional Requirements

2.1 Bidders should provide any additional information required to fulfill the requirements of Clause 4 of the Instructions to the Bidders, if applicable.

(i) Affidavit

(ii) Undertaking

*** (iii) Update of original prequalification application

*** (iv) Copy of original prequalification application

*** (v) Copy of prequalification letter

* Delete, if prequalification has been carried out.

** Fill the Name of Consultant.

*** Delete, if prequalification has not been carried out.

SAMPLE FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CREDIT FACILITIES

(CLAUSE 4.2 (i) OF ITB)

BANK CERTIFICATE

This is to certify that M/s. _____ is a reputed company with a good financial standing.

If the contract for the work, namely _____ is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs. _____ to meet their working capital requirements for executing to the above contract during the contract period.

(Signature)

Name of Bank

Senior Bank Manager

Address of the Bank

AFFIDAVIT

1. I, the undersigned, do hereby certify that all statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/s_____ has been blacklisted nor has abandoned any work in any government department, India nor any contract awarded to us for such works have been rescinded, during last five years prior to the date of this bid.
3. The undersigned hereby authorises and request(s) any bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the BUIDCo to verify this statement or regarding my (our) competence and general reputation.
4. The undersigned understands and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of BUIDCo.

(Signed by an Authorized Officer of the Firm)

Title of Officer

Name of Firm

DATE

UNDERTAKING

I, the undersigned do hereby undertake that our firm M/s _____
_____ would invest a minimum cash up to 25% of the value of the work
during implementation of the Contract.

(Signed by an Authorised Officer of the Firm)

Title of Officer

Name of Firm

DATE

SECTION 3
GENERAL CONDITIONS OF CONTRACT

Table of Contents

Clause	Details	Page
	<u>General</u>	
1	Performance guarantee	50
1A	Recovery of Security deposit	50
2	Compensation for delay (Liquidated Damage)	51
2A	Incentive for early completion	51
3	When contract can be determined / Rescinded	51
4	Contractor liable to pay compensation even if action not taken under clause 3	52
18	Contractor to supply tools & plants etc.	69
20	Min. Wages Act to be complied with	71
21	Work not to be sublet/ Action in case of insolvency	71
23	Changes in firm's constitution to be intimated	71
24	Approval of Engineer In charge	71
32	Hire of Plant & Machinery	74
33	Employment of Technical Staff and employees	76
34	Levy/ Taxes payable by Contractor	77
37	Termination of Contract on death of contractor	78
38	If relation working in P.W.D. than contractor not allowed to tender	78
39	No Gazetted Engineer to work as contractor within two years of retirement.	78
41	Release of Security Deposit.	79
46	Safety, Security and Protection of the Environment	80
50	Commencement of Works	81
	<u>Time Control</u>	
5	Time and Extension for delay	53
45	Cash flow estimate to be submitted.	80
	<u>Cost Control</u>	
6	Measurement of work done	54
7	Payment on Intermediate certificate to be regarded as advances	55
9	Payment of final bill	56
9A	Payment of contractor's Bills to Banks	56
10B	Secured Advance on Non-Perishable materials/ Mobilization Advance / Plant & Machinery & Shuttering material advance / Interest & Recovery.	58 59
10C	Payment on account of Increase in Prices / Wages due to Statutory order(s)	60
10CA	Payment on account of increase / decrease in prices of construction materials after receipt of tender.	60
10CC	Payment due to Increase / Decrease in Prices / Wages after receipt of tender for works (Time more than 18 eighteen months)	62
10D	Dismantled material government property.	64

12	Deviations / Excess item Variations / extent and pricing	65
12.2	Deviation, extra items and pricing	65
13	Foreclosure of contract due to Abandonment or Reduction in scope of work.	66
14	Cancellation of contract in full or part.	66
15	Suspension of work	67
16	Action in case work not done as per specification	68
22	Compensation	71
25	Settlement of disputes & arbitration	71
27	Lump sum Provisions in Tender	73
29	With holding and lien in respect of sums due from contractor	73
29A	Lien in respect of claims in other Contracts	74
35	Condition of reimbursement of levy / taxes after receipt of the tender.	77
43	Contractor's Risks	79
44	Insurance	79
47	Cost of Samples	80
48	Cost of Tests	80
49	Cost of Tests not provided for	80
	<u>Finishing Control</u>	
8	Completion certificate and completion plan	55
8A	Contractor to keep site clean	56
8B	Completion plans to be submitted by the contractor	56
17	Contractor liable for damage, defects during maintenance period.	68
40	Return of materials and recovery of excess materials issued.	78
51	Substantial Completion of Parts	81
	<u>Quality Control</u>	
10	Materials supplied by Government	56
10A	Materials to be provided by the contractor	58
11	Work to be executed in accordance with specification, drawings, orders etc.	64
26	Contractor to indemnify Govt. against Patent Rights.	73
28	Action where no Specifications are specified	73
42	Responsibility of technical staff and employees	79
	<u>Other Condition & Control</u>	
18A	Recovery of compensation paid to workman	69
18B	Ensuring payment and amenities to workers if contractor fails	69
19	Labour laws to be complied by the Contractor	70
19B	Payment of wages	70
30	Unfiltered water supply	74
31	Return of Surplus materials	74
26	Contractor to indemnify government against patent Rights	74
28	Action where no specifications are specified	74

38	Imprisonment of contractor	80
40	Return of materials and recovery for excess materials issued.	80
42	Responsibility of technical staff and employees	81
52	Force majeure	83
53	Recovery	83

SECTION 3
GENERAL CONDITIONS OF CONTRACT

Table of Contents

Clause	Details	Page
	<u>General</u>	47
1	Performance guarantee	47
1A	Recovery of Security deposit	48
2	Compensation for delay (Liquidated Damage)	48
2A	Incentive for early completion	48
3	When contract can be determined / Rescinded	48
4	Contractor liable to pay compensation even if action not taken under clause 3	50
18	Contractor to supply tools & plants etc.	70
20	Min. Wages Act to be complied with	72
21	Work not to be sublet/ Action in case of insolvency	73
23	Changes in firm's constitution to be intimated	73
24	Approval of Engineer Incharge	73
32	Hire of Plant & Machinery	77
33	Employment of Technical Staff and employees	79
34	Levy/ Taxes payable by Contractor	80
37	Termination of Contract on death of contractor	81
38	If relation working in P.W.D. than contractor not allowed to tender	81
39	No Gazetted Engineer to work as contractor within two years of retirement.	81
41	Release of Security Deposit.	82
46	Safety, Security and Protection of the Environment	83
50	Commencement of Works	84

Time Control

5	Time and Extension for delay	50
45	Cash flow estimate to be submitted.	83

Cost Control

5A	Minutes of Meeting	51
6	Measurement of work done	52
7	Payment on Intermediate certificate to be regarded as advances	53
9	Payment of final bill	54
9A	Payment of contractor's Bills to Banks	55
10B	Secured Advance on Non-Perishable materials/ Mobilization Advance / Plant & Machinery & Shuttering material advance / Interest & Recovery.	57
10C	Payment on account of Increase in Prices / Wages due to Statutory order(s)	59
10CA	Payment on account of increase / decrease in prices of construction materials after receipt of tender.	59

10CC	Payment due to Increase / Decrease in Prices / Wages after receipt of tender for works (Time more than 18 eighteen months)	61
10D	Dismantled material government property.	64
12	Deviations / Excess item Variations / extent and pricing	65
12.2	Deviation, extra items and pricing	65
12.3	Deviation, Deviated quantities , pricing	66
13	Foreclosure of contract due to Abandonment or Reduction in scope of work.	66
14	Cancellation of contract in full or part.	66
15	Suspension of work	68
16	Action in case work not done as per specification	68
22	Compensation	73
25	Settlement of disputes & arbitration	73
27	Lumpsum Provisions in Tender	74
29	With holding and lien in respect of sums due from contractor	75
29A	Lien in respect of claims in other Contracts	76
35	Condition of reimbursement of levy / taxes after receipt of the tender.	80
43	Contractor's Risks	82
44	Insurance	82
47	Cost of Samples	83
48	Cost of Tests	83
49	Cost of Tests not provided for	84

Finishing Control

8	Completion certificate and completion plan	53
8A	Contractor to keep site clean	54
8B	Completion plans to be submitted by the contractor	54
17	Contractor liable for damage, defects during maintenance period.	69
40	Return of materials and recovery of excess materials issued.	81
51	Substantial Completion of Parts	84

Quality Control

10	Materials supplied by Government	55
10A	Materials to be provided by the contractor	56
11	Work to be executed in accordance with specification, drawings, orders etc.	64
26	Contractor to indemnify BUIDCo against Patent Rights.	74
28	Action where no Specifications are specified	74
42	Responsibility of technical staff and employees	82

Other Condition & Control

18A	Recovery of compensation paid to workman	70
18B	Ensuring payment and amenities to workers if contractor fails	70
19	Labour laws to complied by the Contractor	71
19B	Payment of wages	71
26	Contractor to indemnify govt. against patent Rights	74
28	Action where no specification are specified	75
30	Unfiltered water supply	76
31	Return of Surplus materials	76
38	Imprisonment of contractor	81
40	Return of materials and recovery for excess materials issued.	81
42	Responsibility of technical staff and employees	82
52	Force majeure	84
53	Recovery	84

GENERAL GUIDELINES

- 1. This book of "General Conditions of Contract" is applicable to both types of tenders i.e. "Percentage rate tenders" and "Item rate tenders". Accordingly alternative provisions for conditions Nos. 4, The appropriate alternatives will be applicable in specific cases depending on whether this is used for percentage rate tender or item rate tender.**
- 2. Schedules A to F, special conditions/ specifications and drawing only will be issued to intending bidders. The standard form shall form part of the agreement to be drawn and signed by both parties after acceptance of tender.**
- 3. All blanks are confined to Notice Inviting Tender and Schedules A to F.**
- 4. Authority approving the Notice Inviting Tender (NIT) shall fill up all the blanks in 6 and in Schedules B to F before issue of Tender Papers.**
- 5. The intending bidders will quote their rates in Schedule A.**
- 6. The Performa for registers and Schedules A to F are only for information and guidance. These are not to be filled in the Standard Form. The Schedules with all blanks, duly filled shall be separately issued to all intending tenderers.**

Bihar Urban Infrastructure Development Corporation Limited (A Govt. Of Bihar Undertaking)

1. Tender on the behalf of Government of Bihar invites percentage rate For SOR Item and Item rate for Non SOR Item bids from the eligible and approved contractor registered with State other State & Central Government / PSU or any Agency of National or International repute for each of the following works.

District	Name of work	Estimated cost in Rs.	Earnest money in Rs.	Time allowed for completion	Last date and time for receipt of application for issue of tender forms	Time and date of opening of tender	Place of sale and submission of tender
1	2	3	4	5	6	7	8
As per NIT							www.eproc2.bihar.gov.in only

The bidders who download the bidding documents from the internet site www.eproc2.bihar.gov.in would have to pay the cost of bid documents and submit it in a separate envelope marked cost of bidding document downloaded from internet.

Criteria of eligibility for issue of tender document

- 1.1 Issue of Tender to any Contractor registered with Central Government / any State Government or any PSU or an agency of international or national repute may be submitted without the registration. However, registration with the concerned works department will be essential after issue of L.O.A.

Following documents duly attested by gazetted officer and photocopied are required at the time of submission of bid (In case of other State PWD/ CPWD/ any PSU eligible contractors or Agencies of National/ International repute following documents (from a to c) have to be submitted after letter of acceptance).

- (a) Registration paper (renewed) of appropriate class and deptt.
 - (b) Latest sales tax clearance/ sales tax registration in State of Bihar.
 - (c) Latest labour license (renewed) in State of Bihar.
 - (d) Power of attorney/ partnership deed/ MoU of private limited company.
 - (e) Bank Draft for B.O.Q. cost.
 - (f) Tools & plans ownership/ lease certificate required in aforesaid work duly verified from Executive Engineer / other State PWD / CPWD Contractor will provide definite proof from appropriate authority for tools & Plant and Undertaking to install it on works site after getting letter of acceptance.
2. Agreement shall be drawn with the successful tenderer on Agreement Form attached. Tenderer shall quote his rates as overall percentage above/below for SOR Items where as for Non SOR items bidder should quote item wise rate. The amount of B.O.Q. as per various terms and conditions of the said form which will form part of the agreement.
 3. The amount of Estimated Cost or B.O.Q. Cost of the work may vary.
 4. The earnest money will be applicable on the sanction cost of B.O.Q. only.
 5. The time allowed for carrying out the work will be from the same day after the date of written orders to commence the work or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
 6. The site for the work is available.

OR

The site for the work shall be made available in parts as specified below :-

7. Deleted

Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms & conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen at the site of the www.eproc2.bihar.gov.in. Tender documents, including standard form, will be **Downloaded** from www.eproc2.bihar.gov.in during the **Dates** specified in Appendix to ITB.

8. Original Draft of Cost of B.O.Q and Earnest Money in Prescribed form, which should always be placed in sealed envelope, with the name of work and due date written on the envelopes, will be received by the Managing Director /Chief Engineer, BUIDCo

9. The Contractor shall be required to deposit an **amount equal to 2% of the tendered** value of the work as performance guarantee in the form as mentioned in Bihar Financial Rules. For works costing more than one Crore, bank guarantee is acceptable.

10. The description of the work is as follows: -

As per NIT

Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above-mentioned officer.

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tool & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by BUIDCo and local conditions and other factors having a bearing on the execution of the work.

11. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

12. The competent authority on behalf of Governor of Bihar reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall bound to perform the same at the rate quoted.

13. The contractor shall not be permitted to tender for works in the BUIDCo(responsible for award and execution of contracts) in which his near relative is posted as **Accountant** or as an officer in any capacity between the grades of Superintendent Engineer and Assistant Engineer(both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any **officer** in BUIDCo. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of **BUIDCo**.

14. No Engineer of Gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of Bihar is allowed to work as a contractor for a period of two years after his retirement from Government service, without the previous permission of the Government of Bihar in writing. This contract is liable to be cancelled if either the contractor or any of his employee is found any time to be such a person who had not obtained the permission to the Government of Bihar as aforesaid before submission of the tender or engagement in the contractors service.

15. The tender for the works shall remain open for acceptance for a period of 120 days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit **100%** of the said earnest money as aforesaid.
17. BUIDCo has right to cancel or postpone any work without given any notice or clarification.
18. BUIDCo may add or delete any of the condition required for execution of any work.
19. This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/contractor, the **Competent Authority**, shall issue the letter of acceptance and will sign the contract within 15 days after submitting the performance guarantee.

Bihar Urban Infrastructure Development Corporation Limited
(A Govt. Of Bihar Undertaking)

STATE - BIHAR

Organization : BUIDCo

Item Rate tender & Contract for Works

(A) Tender for the work of: -

As per NIT

(i) To be submitted (Upload) by DATE **up to TIME 4.00 PM**

(ii) To be opened at.....**Through website. www.eproc2.bihar.gov.in**

T E N D E R

I/We have read and examined the notice inviting tender, schedule, A,B,C,D,E & F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Governor of Bihar within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all in respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect in accordance with, such conditions so far as applicable.

We agree to keep the tender open for one hundred twenty (120) days from the due date of submission thereof and not to make any modifications in its terms and conditions.

Bid cost (Non Refundable) and EMD for one or all groups as mentioned in NIT shall be submitted by the bidder. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said Governor of Bihar or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if/we fail to commence work as specified, I/we agree that Governor of Bihar or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Signature of Contractor
Postal Address

Witness :

Address :

Occupation :

A C C E P T A N C E

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Governor of Bihar for a sum of Rs.....(Rupees.....)

The letters referred to below shall form part of this contract Agreement :-

- a)
- b)
- c)

For & on behalf of the Governor of Bihar.

Signature

Dated



GOVERNMENT OF BIHAR ALL
WORKS DEPARTMENT

General Rules &
Directions

1. All work proposed for execution by contract will be notified in a form of invitation to tender pasted in public places and signed by the officer inviting tender or by publication in News papers and the internet as the case may be.

This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of the security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.
2. In the event of the tender being submitted by a firm, it must be signed separately either by one or all the partners or person duly authorized by the partners, it must be signed on behalf of the firm by a person holding the requisite authorizations, such authorizations to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment on account of work done, when executed by a firm, must also be signed by one or all the partners or a duly authorized signatory of the firm.
4. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word 'Rs' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs 2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written in the end. Unless the rate is in whole rupee and followed by the word 'only' it should invariably be up to two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.
5. (i) The contractor whose tender is accepted, will be required to furnish performance guarantee of 2 (two percent) including earnest money of the tendered amount within specified period. This guarantee shall be in the form of Govt. Securities or fixed deposit receipt of any scheduled bank, guarantee bonds of any scheduled bank or State Bank of India or Bank guarantee from any schedule bank in the State for works of more than one crore.
(ii) The contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal to 8 % of the tendered value of the work. The security deposit will be collected by deductions from the running bills of the contractor at the rates mentioned above
6. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer- in-Charge shall be communicated in writing to the Engineer-in-Charge.
7. Sales-tax, purchase tax, turnover tax, service tax, entry tax royalty or any other tax on material in respect of this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same.

8. The tender for the work shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.
9. The tenderer apart from being a registered contractor of appropriate class, must associate himself with agencies of appropriate class.
10. The contractor shall submit list of works which are in hand (progress) in the following form: -

Name of work	Name and Particular of Division. where work is	Value of work	Position of work in progress	Remarks

11. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued thereunder from time to time. If he fails to do so, his failure will be a breach of the contract and the Superintending Engineer/Executive Engineer may in his discretion without prejudice to any other right or remedy available in law cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

CONDITIONS OF CONTRACT

Definitions :

1. The contract means the document forming the tender and acceptances thereof and the formal agreement executed between the Client and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time-to-time from one contract and shall be complementary to one another.
2. In the contract, the following expressions shall, unless the context otherwise requires have the meanings, hereby respectively assigned to them: -
 - i) The expression works or work shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
 - ii) The site shall mean the land/or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
 - iii) The Contractor shall mean the individual, firm or company, whether incorporate or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm of company.
 - iv) The Engineer-in-Charge means the Engineer officer who shall supervise and be in-charge of the work and who shall sign the contract
 - v) The Client is Patna Smart City Limited.
 - vi) Excepted Risk are risks due to riots (other than those on account of contractor employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion revolution, insurrection, any act of Government, damages from aircraft, acts of God, such as earthquake, lightning and unprecedented floods, and other causes over which the contractor has no control and accepted as such by the Accepting Authority Provided that the contractor is also to show that he has taken all due precautions to avoid / un minimize any adverse after / damage from the above or causes solely due to use or occupation by Government of the part of the works in respect of which a certificate of completion has been issued or a caused solely due to Government's faulty design of works.
 - vii) Bill of quantity means the price and completed Bill of Quantities forming part of the Bid.
 - viii) The Defect liability certificate is the certificate issued by Engineer-in- Charge after defect liability period has ended and upon correction of defects by the contractor.
 - ix) The defect liability period will be decided by the department for different nature of works from date of completion of the work and must be mentioned in the agreement.

It will be decided by the department for different nature of work from time to time as mentioned in contract Data.
 - x) The intended completion date is the time intended to complete the work by the contractor.
 - xi) The start date is given in the contract data. It is the date when the contractor shall commence execution of the works. It does not necessarily coincide with any of the site possession date.

- xii) A sub-contractor is a person or corporate body who has a contract with the contractor to carry out a part of the construction work in the contract, which includes work on the site.
- xiii) Temporary works are works designed, constructed, installed and removed by the contractor that are needed for construction or installation of the works.
- xiv) Market Rate shall be the rate as decided by the competent authority on the basis of the cost of materials and labour at the site where the work is to be executed plus the percentage mentioned in Schedule 'F' to cover, all overheads and profits.
- xv) Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard Schedule of Government mentioned in Schedule 'F' hereunder, with the amendments thereto issued up to date of receipt of the tender.
- xvi) Department means any department of Government of Bihar, which invite tenders
- xvii) Specifications means the specifications followed by relevant department of the Government of India / State Government.
- xviii) Tender value means the value of the entire work as stipulated in the letter award.

3. Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.

Scope and Performance

4. Heading and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.

5. The contractor shall be furnished, free of cost one certified copy of the contract documents except standard specifications, Schedule of Rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than of this contract.

Works to be carried out:

6. The work to be carried out under the Contract shall, except as otherwise provided these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities (Schedule - A) shall unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.

Sufficiency of Tender

7. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

8. The several documents forming the contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.

Discrepancies and Adjustment of Errors

8.1 In the case of discrepancy between the schedule of Quantities, the Specifications and/or the Drawings, the following order of preference shall be observed:-

- i) Description of Schedule of Quantities.

- ii) Particular Specification and Special Condition, if any
- iii) Drawings.
- iv) MORTH specification.
- v) Indian Standard Specifications of B.I.S.

8.2 If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.

8.3 Any error in description, quantity or rate in Schedule of Quantities or any omission therefrom shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.

Signing of
Contract

9. The successful tenderer/contractor, after submitting the performance guarantee i.e., within 7 days of receipt of letter of acceptance shall attend the office of the Engineer-in-Charge for authentication signing and completion of the contractor document and execute the agreement consisting of: -

i) The notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

ii) Standard P.W.D. Form as mentioned in Schedule 'F' consisting of:

Various standard clauses with corrections up to the date stipulated in Schedule 'F' along with annexure thereto.

CLAUSE OF CONTRACT

CLAUSE 1

Performance
Guarantee

- (i) The contractor shall submit an irrevocable PERFORMANCE GUARANTEE of 2% (Two percent) of the tendered amount including earnest money in the shape as mentioned in the Bihar Financial Rules or Bank Guarantee (for work costing more than one crore) or any other deposits mentioned for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in scheduled 'F' from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge up to a maximum period as specified in schedule 'F' on written request of the contractor stating the reason for delays in procuring the Bank Guarantee, to the satisfaction of the Engineer- in-Charge. This guarantee shall be in the form of N.S.C. of Post Office/ Pledged in favour of department; D.D. of any Scheduled Bank or State Bank of India or Bank Guarantee (for work costing more than Rupees one Crore.
- (ii) The performance Guarantee shall be initially valid up to 28 days beyond the defect liability.
- (iii) The Engineer-in-Charge shall not make a claim under the Performance guarantee except for amounts to which the Governor of Bihar is entitled under the contract (notwithstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:
 - (a) Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer-in- Charge may claim the full amount of the Performance guarantee.
 - (b) Failure by the contractor to pay Governor of Bihar any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by Engineer-in-Charge.
 - (c) Failure by the contractor to rectify any defects as defined in the defect liability clause in the schedule – F of contract data to the satisfaction of the Engineer in charge.
- (iv) In the event of the contract being determined or rescinded under provisions of any of the clause/condition of the agreement, the performance guarantee shall stand forfeited in full.

CLAUSE 1 A

Recovery of
Security Deposit

The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at 8 % (eight percent) from the gross amount of each running bill till full amount of security deposit 10% (ten percent) of agreement value or value of work (whichever is higher) is reached. If value of work exceeds the agreement value, security deposit (10%) will be recovered for the exceeded work.

All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from, or from any sums which may be due to or may become due to the contractor by Government on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions or sale as aforesaid, the contractor shall within 10 days make good in cash or fixed deposit receipt tendered by the State Bank of India or by Scheduled Banks or Government Securities (if deposited for more than 12 months) endorsed in favour of the Engineer-in-Charge, any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills of the contractor at the rates mentioned above and the earnest money at the time of tenders will be treated a part of the Security Deposit.

CLAUSE 2

Compensation for
Delay
(Liquidated
Damage

If the contractor fails to maintain the required progress in terms of clause 5 or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the Chief Engineer, BUIDCO (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day/month (as applicable) that the progress remains below that specified in Clause 5 or that the work remains incomplete.

This will also apply to items or group of items for which a separate period of completion has been specified.

i) *Compensation for delay of work @ 2 % per month of delay to be computed on per day basis provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given.*

ii) The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government.

iii) In case, the contractor does not achieve a particular milestone mentioned in Schedule- F, or the rescheduled milestone(s) in terms of Clause 5.4, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time.

iv) Withholding of this amount on failure to achieve a milestone, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.

CLAUSE 2A

Incentive for
early
completion

~~In case, the contractor completes the work ahead of scheduled completion time, a bonus @ 1% (one percent) of the tendered value per month computed on per day basis, shall be payable the contractor, subject to a maximum limit of 5% (five percent) of the tendered value. The amount of bonus, if payable, shall be paid along with final bill after completion of work. Provided always that provision of the Clause 2A shall be applicable only when so provided in 'Schedule F'.~~

CLAUSE 3

When Contract
can be
Determined /
Rescinded

Subject to the other provisions contained in this clause the Engineer-In-Charge may, without prejudice to his any other rights or remedy against the contractor in respect of any delay inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:

i) If the contractor having been given by the Engineer-in-Charge a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or un-work-man like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter.

ii) If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.

- iii) if the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence so that in the opinion of the Engineer-in-Charge (which shall be final and binding) he will be unable to secure completion of the work by the date of completion and continues to do so after a notice in writing of seven days from the Engineer-in- Charge.
- iv) If the contractor fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge.
- v) If the contractor persistently neglects to carry out his obligations under the contract and/or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge.
- vi) If the contractor commits any acts mentioned in Clause 21 thereof:
- vii) If the work is not started by the contractor within 1/8th of the stipulated time subject to the maximum of 45 days.

When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-Charge/Competent Authority shall have powers:

- a) To determine or rescind the contract as aforesaid (of which termination or rescission notice in writing to the contractor under the hand of Engineer- in-Charge shall be conclusive evidence). Upon such determination or rescission, the Earnest Money Deposit, Security Deposit already recovered and Performance Guarantee under the contract shall be liable to be forfeited.
- b) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof as shall be un-executed out of his hands and to give it to another contractor to complete the work. The contractor, whose contract is determined or rescinded as above, shall not be allowed to participate in the tendering process for the balance work.

In the event of above course(s) being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

CLAUSE 3A

In case, the work cannot be started due to reasons not within the control of the contractor as decided by competent authority within ¼th of the stipulated time for completion of work, either party may close the contract. In such eventuality, the Earnest Money deposit and the Performance Guarantee of the contractor shall be refunded, but no payment on account of interest, loss of profit or damages etc. shall be payable at all. The reasons shall be examined by the Chief Engineer, BUIDCO and his decision shall be final and binding.

CLAUSE 4

Contractor liable to pay compensation even if action not taken under Clause 3

In any case in which any of the powers conferred upon the Engineer-in-Charge by Clause- 3 thereof, shall have become exercisable and the same are not exercised the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for compensation shall remain unaffected. In the event of the Engineer-in-Charge putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the Engineer-in-Charge which shall be final and binding on the contractor) use as on hire (the amount of the hire money being also in the final determination of the Engineer-in-Charge) all or any tools, plant, materials and stores, in or upon the works, or the site thereof belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work. or any part thereof, paying or allowing for the same in account at the contract rates or, in the case of these not being applicable, at current market rates to be certified by the Engineer-in-Charge, whose certificate thereof shall be final, and binding on the contractor, clerk of the works, foreman or other authorized agent to remove such tools, plant, materials, or stores from the premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the Engineer-in-Charge may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects and the certificate of the Engineer-in-Charge as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor.

CLAUSE 5

Time and Extension for Delay

The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from such time period as mentioned in letter of acceptance or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the security deposit absolutely.

- 5.1** As soon as possible after the contract is concluded the Contractor shall submit a Time & Progress Chart for each milestone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the work. It shall indicate the forecast of the dates of commencement and completion of various trades or sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate Programme has been agreed upon) complete the work as per milestone given in schedule 'F'.
- 5.2** If the work(s) be delayed by.
- i)** Force majeure, or
 - ii)** Serious loss or damage by fire, or
 - iii)** Civil commotion, local.
 - iv)** Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract, or
 - v)** Non-availability of stores, which are the responsibility of Government to supply or
 - vii)** Non-availability or break down of tools and Plant to be supplied or supplied by Government or
 - vii)** Any other cause which, in the absolute discretion of the authority mentioned in Schedule 'F' is beyond the Contractor's control.

then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer- in-Charge to proceed with the works.

- 5.3 Request for the rescheduling of Milestones and extension of time, to be eligible for consideration, shall be made by the contractor in writing within fourteen days of the happening of the hindering event causing delay on the prescribed form. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.
- 5.4 In any such case the authority mentioned in Schedule 'F' may give a fair and reasonable extension of time and reschedule the milestones for completion of work. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.
- 5.5 The basic centerlines, reference points and benchmarks will be fixed by the department. The contractor shall establish at his own cost at suitable points, additional reference lines and bench marks as may be necessary and instructed by the engineer-in-charge. The contractor shall remain responsible for the sufficiency and accuracy of all the bench marks and reference lines.

CLAUSE 5A

The Engineer may require the contractor to attend a progress review meeting during execution of work.

The Engineer shall record the minutes of the meeting and provide a copy to the Contractor for compliance. These minutes will be a part of evidence in case of any request for extension of time or impunitive action against the contractor.

CLAUSE 6

Measurement of
Work Done

Engineer-in-Charge shall, except as otherwise provided, ascertain and determine measurement and the value in accordance with the contract of work done.

All measurement of all items having financial value shall be entered in Measurement Book and/or level field book so that a complete record is obtained of all works perform under the contract.

All measurements and levels shall be taken jointly by the Engineer-in-Charge or his authorized representative and by the contractor or his authorized representative at last once in a month during the progress of the work and such measurements shall be signed and dated by the Engineer-in-Charge and the contractor or their representatives in token their acceptance. If the contractor objects to any of the measurements recorded, a note shall be made to that effect with reason and signed by both the parties.

If for any reason the contractor or his authorized representative is not available and the work of recording measurements is suspended by the Engineer-in-Charge or his representative, the Engineer-in-Charge and the Department shall not entertain any claim from contractor for any loss or damages on this account. If the contractor or his authorized representative does not remain present at the time of such measurements after the contractor or his authorized representative has been given a notice in writing three (3) days in advance or fails to countersign or to record objection within a week from the date of the measurement, then such measurements recorded in his absence by the Engineer-in-Charge or his representative shall be deemed to be accepted by the Contractor.

The contractor shall, without extra charge, provide all assistance with every appliance labour and other things necessary for measurements and recording levels.

Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of India Standards and if for any item no such standard is available then a mutually agreed method as approved by the department shall be followed.

The contractor shall give not less than seven days notice to the Engineer-in-Charge or his authorized representative in charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimension thereof be taken before the same is covered up or placed beyond the reach of measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-in-Charge or his authorized representative in charge of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of measurements without such notice having been given or the Engineer-in-Charge's consent being obtained in writing the same shall be uncovered at the contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.

Engineer-in-Charge or his authorized representative may cause either themselves or through another officer of the department to check the measurements recorded jointly or otherwise as aforesaid and all provisions stipulated herein above shall be applicable to such checking of measurements or levels.

It is also a term of this contract that recording of measurements of any item of work in the measurement book and/or its payment in the interim, on account or final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement defects noticed till completion of the Defect's Liability Period.

CLAUSE 7

Payment on
Intermediate
Certificate to be
Regarded as
Advances

No payment shall be made for work for less than the estimated work of Rs. 2.5 lacs till the whole of the work shall have been completed and certificate of completion given. For works estimated to cost over Rs. 2.5 lacs the interim or running account bill shall be submitted by the contractor for the work executed on the basis of such recorded measurements on the format of the Department in triplicate on or before the date of every month fixed for the same by the Engineer-in-Charge. The contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved. The Engineer-in-Charge shall arrange to have the bill verified by taking or causing to be taken, where necessary, the requisite measurements of the work. In the event of the failure of the contractor to submit the bills, Engineer-in-Charge shall prepare or cause to be prepared such bills in which event no claims whatsoever due to delays on payment including that of interest shall be payable to the contractor. Payment on account of amount admissible shall be made by the Engineer-in-Charge certifying the sum to which the contractor is considered entitled by way of interim payment at such rates as decided by the Engineer-in-Charge. The amount admissible shall be paid by 10th working day after the day of presentation of the bill by the Contractor to the Engineer-in-Charge or his Assistant Engineer together with the account of the material issued by the department, or dismantled materials, if any. In the case of works outside the headquarters of the Engineer-in-Charge the period of ten working days will be extended to fifteen working days.

All such interim payments shall be regarded as payment by way of advances against final payment only and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected. Any certificate given by the Engineer-in-Charge relating to the work

done or materials delivered forming part of such payment may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or materials to which it relates is/are in accordance with the contract and specifications. Any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the Engineer-in-Charge under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract.

Pending consideration of extension of date of completion interim payments shall continue to be made as herein provided as per clause - 2, without prejudice to the right of the department to take action under the terms of this contract for delay in the completion of work, if the extension of date of completion is not granted by the competent authority.

CLAUSE 8

Completion Certificate and Completion Plans

Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within fifteen days of the receipt of such notice the Engineer-in-Charge shall inspect the work and if there is no defect in the work shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued. But no final certificate of completion shall be issued, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials, rubbish and all huts and sanitary arrangements required for his/their work people on the site in connection with the execution of the works as shall have been erected or constructed by the contractor(s) and cleaned off the dirt from all wood work, doors, windows, walls, floor or other parts of the building, in, upon, or about which the work is to be executed or of which he may have had possession for the purpose of execution thereof, and not until the work shall have been measured by the Engineer-in-Charge. If the contractor shall fail to comply with the requirements of this clause as to removal of scaffolding, surplus materials and rubbish and all huts and sanitary arrangements as aforesaid and cleaning off dirt on or before the date fixed for the completion of work, the Engineer-in-Charge may at the expense of the contractor remove such scaffolding surplus materials and rubbish etc. and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall have no claim in respect of scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof.

CLAUSE 8A

Contractor to Keep Site Clean

When the annual repairs and maintenance of works are carried out, the splashes and droppings from white washing, color washing, painting etc. on walls, floor, windows etc. shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. where the work is done without waiting for the actual completion of all the other items of work in the contract. In case the contractor fails to comply with the requirements of this clause, the Engineer-in-Charge shall have the right to get this work done at the cost of the contractor either departmentally or through any other agency. Before taking such action, the Engineer-in-Charge shall give ten days notice in writing to the contractor.

CLAUSE 8 B

Completion Plan to be Submitted by the Contractor

The contractor shall submit completion plan as required vide General Specifications for Electrical works (Part-I internal) 1972 and (Part-II External) 1974 as applicable within thirty days of the completion of the work.

In case, the contractor fails to submit the completion plan as aforesaid, he shall be liable to pay a sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs. 15,000 (Rs. Fifteen thousand only) as may be fixed by the Chief Engineer, BUIDCO concerned and in this respect the decision of the Chief Engineer, BUIDCO shall be final and binding on the contractor.

CLAUSE 9

Payment of Final Bill

The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the Engineer-in- Charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer-in- Charge, will, as far as possible be made within the period specified herein under, the period being reckoned from the date of receipt of the bill by the Engineer-in-Charge or his authorized Assistant Engineer, complete with account of materials issued by the Department and dismantled materials.

- i) If the Tendered value of work is up to Rs. 1 crore : 2 months
- ii) If the Tendered value of work exceeds Rs. 1 crore : 4 months

CLAUSE 9 A

Payment of Contractor's Billsto Banks

Payments due to the contractor may, if so desired by him, be made to his bank instead of direct to him provided that the contractor furnishes to the Engineer-in- Charge (1) an authorization in the form of a legally valid document such as a powerof attorney conferring authority on the bank to receive payments and (2) his own acceptance of the correctness of the amount made out as being due to him by Government or his signature on the bill or other claim preferred against Government before settlement by the Engineer-in-Charge of the account or claim by payment to the bank. While the receipt given by such banks shall constitute a full and sufficient discharge for the payment, the contractor shall wherever possible present his bills duly receipted and discharges through his bankers.

Nothing herein contained shall operate to create in favour of the bank any rights or equities vis-a-vis the Governor of Bihar.

Materials supplied by Government

CLAUSE 10

Not Applicable

Materials to be provided by the Contractor

CLAUSE 10 A

The contractor shall, at his own expense, provide all materials, required for the works other than those, which are stipulated, to be supplied by the Government.

The contractor shall, at his own expense and without delay; supply to the Engineer- in-Charge samples of materials to be used on the work and shall get these approved in advance. All such materials to be provided by the Contractor shall be in conformity with the specifications laid down or referred to in the contract. The contractor shall, if requested by the Engineer-in-Charge furnish proof, to the satisfaction of the Engineer-in-Charge that the materials so comply. The Engineer-in-Charge shall within fifteen days of supply of samples or within such further period as he may require intimate to the Contractor in writing whether sample are approved by him or not. If samples are not approved, the Contractor shall forthwith arrange to supply to the Engineer-in-Charge for his approval fresh samples complying with the specifications laid down in the contract. When materials are required to be tested in accordance with specifications, approval of the Engineer-in-Charge shall be issued after the test results are received.

The Contractor shall at his risk and cost submit the samples of materials to be tested or analyzed and shall not make use of or incorporate in the work any materials represented by the samples until the required tests or analysis have been made and materials finally accepted by the Engineer-in-Charge. The Contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of materials.

The contractor shall, at his risk and cost, make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting, and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer-in-Charge and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications. The Engineer-in-Charge or his authorized representative shall at all time have access to the works and to all workshops and places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the works and the contractor shall afford every facility and every assistance in obtaining the right to such access.

The Engineer-in-Charge shall have full powers to require the removal from the premises of all materials which in his opinion are not in accordance with the specifications and in case of default the Engineer-in-Charge shall be at liberty to employ at the expense of the contractor, other persons to remove the same without being answerable or accountable for any loss for damage that may happen or arise to such materials. The Engineer-in-Charge shall also have full powers to require other proper materials to be substituted thereof and in case of default the Engineer-in-Charge may cause the same to be supplied and all costs which may attend such removal and substitution shall borne by the Contractor.

CLAUSE 11

Work to be
Executed in
Accordance with
Specifications,
Drawings, Orders
etc.

The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work signed by the Engineer-in-Charge and the contractor shall be furnished free of charge one copy of the contract documents together with specification, designs, drawings and instruction as are not included in the standard specifications of Public Works Department specified in Schedule 'F' or in any Bureau of Indian Standard or any other, published standard or code or, Schedule of Rates or any other printed publication referred to elsewhere in the contract.

The contractor shall comply with the provisions of the contract and with the care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these, is specified or is reasonably inferred from the contract. The Contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.

CLAUSE 12

Deviations/
Variations Extent
and Pricing

The Engineer-in-Charge (As per codal provision) shall have power (i) to make alternation in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer-in-Charge after approval from competent authority and such alterations omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.

12.1 The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended, if requested by the contractor, as follows:

- i)** In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus.

- ii) 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge after approval from competent authority

Deviation,
Extra items
and Pricing

- 12.2** In the case of extra item(s) the contractor may within fifteen days of receipt of order or occurrence of the item(s) claim rates, supported by proper analysis, for the work and the Engineer-in-Charge after approval from competent authority shall within one month of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates as per competent authority and on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

Deviation,
Deviated
Quantities,
Pricing

In the case of contract items, substituted items, contract cum substituted items, which exceed the limits laid down in Schedule F, the contractor may within fifteen days of receipt of order or occurrence of the excess, claim revision of the rates, supported by proper analysis, for the work in excess of the above mentioned limits, provided that if the rates so claimed are in excess of the rates specified in the schedule of quantities the Engineer-in-Charge shall within one month of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates as per power delegated and on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

- 12.3** The provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule 'F' and the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of receipt of the notice, revise the rates as per power delegated for the work in question within one month of expiry of the said period of fifteen days having regard to the market rates or current schedule of rate.
- 12.4** The contractor shall send to the Engineer-in-Charge once every three months an up to date account giving complete details of all claims for additional payments to which the contractor may consider himself entitled and of all additional work ordered by the Engineer-in-Charge after approval from competent authority which he has executed during the preceding quarter failing which the contractor shall be deemed to have waived his right.
- 12.5** For the purpose of operation of Schedule 'F' the following works shall be treated as works relating to foundation:
- i) For buildings, compound walls plinth level or 1.2 meters (4 feet) above ground level whichever is lower excluding items of flooring and D.P.G. but including base concrete below the floors.
 - ii) For abutments, piers, retaining walls of culverts and bridges, walls of water reservoirs the bed of floor level.
 - iii) For retaining walls where floor level is not determinate 1.2 meters above the average ground level or bed level.
 - iv) For Roads all items of excavation and filling including treatment of sub-base.
- 12.6** Any operation incidental to or necessarily has to be in contemplation of tenderer while filing tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.

CLAUSE 13

Foreclosure of Contract due to Abandonment or Reduction in Scope of Work

If at any time after acceptance of the tender Government shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, the Engineer-in-Charge shall give notice in writing to that effect to the contractor and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

The contractor shall be paid at contract rates for works executed at site only.

CLAUSE 14

Cancellation of contract in full or part

If the contractor:

- i) at any time makes default in proceeding with the works or any part of the work with due diligence and continues to do so after a notice in writing of 7 days from the Engineer-in-Charge; or
- ii) Commits default to comply with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge; or
- iii) Fails to complete the works or items of work with individual dates of completion, on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge; or
- iv) Shall offer or give or agree to give to any person in Government service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for Government; or
- v) Shall enter into a contract with Government in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Accepting Authority/Engineer-in-Charge; or
- vi) Shall obtain a contract with Government as a result of wrong tendering or other non-bonafide methods of competitive tendering; or
- vii) Being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors; or
- viii) Being a company, shall pass a resolution or the Court shall make an order for the winding up of the company, or a receiver or manager on behalf of the debenture holders or otherwise shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or
- ix) Shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days; or
- x) Assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer sublet

or otherwise parts with the entire works or any portion thereof without the prior written approval of the Competent Authority;

The Competent Authority may, without prejudice to any other right or remedy which shall have accrued or shall accrue hereafter to Government, by a notice in writing to cancel the contract as a whole or only such items of work in default from the Contract.

The Engineer-in-Charge shall on such cancellation by the Competent Authority have powers to:

- (a) Take possession of the site and any materials, constructional plant, implements stores, etc., thereon; and/or
- (b) Carry out the incomplete work by any means at the risk and cost of the contractor.

On cancellation of the contract in full or in part, the Engineer-in-Charge shall determine what amount, if any, is recoverable from the contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss of damage suffered by Government. In determining the amount, credit shall be given to the contractor for the value of the work executed by him up to the time of cancellation, the value of contractor's materials taken over and incorporated in the work and use of plant and machinery belonging to the contractor.

Any excess expenditure incurred or to be incurred by Government in completing the works or part of the works or the excess loss or damages suffered or which may be suffered by Government as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to Government in law be recovered from any moneys due to the contractor on any account, and if such moneys are not sufficient the contractor shall be called upon in writing and shall be liable to pay the same within 31 days.

If the contractor fails to pay the required sum within the aforesaid period of 30 days the Engineer-in-Charge shall have the right to sell any or all of the contractor's unused materials, constructional plant, implements, temporary buildings, etc. and apply the proceeds of sale thereof towards the satisfaction of any sums due from the contractor under the contract and if thereafter there be any balance outstanding from the contractor, it shall be recovered in accordance with the provisions of the contract.

Any sums in excess of the amounts due to Government and unsold materials, constructional plant, etc., shall be returned to the contractor, provided always that if cost or anticipated cost of completion by Government of the works or part of the works is less than the amount which the contractor would have been paid had he completed the works or part of the works, such benefit shall not accrue to the contractor.

CLAUSE 15

- i) The contractor shall, on receipt of the order in writing of the Engineer-in-Charge (whose decision shall be final and binding on the contractor) suspend the progress of the works or any part thereof for such time and in such manner as the Engineer-in-Charge may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof, for any of the following reasons:

- a) on account of any default on the part of the contractor or;
- b) for proper execution of the works or part thereof for reasons other than the default of the contractor; or
- c) for safety of the works or part thereof.

The contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.

- ii) If the suspension is ordered for reasons (b) and (c) in sub-para (i) above, the contractor shall be entitled to an extension of time equal to the period of every such suspension PLUS 25%, for completion of the item or group of

Suspension of
Work

items of work for which a separate period of completion is specified in the contract and of which the suspended work forms a part, and;

CLAUSE 16

Action in case
Work not done as
per
Specifications

All works under or in course of execution or executed in pursuance of the contract shall at all times be open and accessible to the inspection and supervision of the Engineer-in-Charge, his authorized subordinates in charge of the work and all the superior officers, officer of the Quality Control Organization of the Department and of the Cabinet (Technical) Vigilance, and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

If it shall appear to the Engineer-in-Charge or his higher authority or his authorized subordinates in charge of the work or to the Cabinet (Technical) Vigilance or his subordinate officers, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials or article provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract the contractor shall, on demand in writing which shall be made within the period specified in schedule – F of contract data from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost. In the event of the contractor failing to do so within a period specified by the Engineer-in-Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under clause 2 of the contract (for non-completion of the work in time) for this default.

In such case the Engineer-in-Charge may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the competent authority may consider reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and utility of the item and the structure and incidental items rectified, or removed and re-executed at the risk and cost of contractor. Decision of the Engineer-in-Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.

CLAUSE 17

Contractor Liable for
Damages, defects
during maintenance
period

If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road curb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wired, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within defect liability period after a certificate final or otherwise of its completion shall have been given by the Engineer-in-Charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineer-in-Charge cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit except for the portion pertaining to asphaltic work which is governed by sub-para (iii) of clause 35 or the proceeds of sale thereof or of a sufficient option thereof. The security deposit of the contractor shall not be refunded before the expiry of defect liability period after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.

CLAUSE 18

Contractor to Supply Tools & Plants etc.

The contractor shall provide at his own cost all materials (except such special materials, if any, as may in accordance with the contract be supplied from the Engineer-in-Charge's stores), plant, tools, appliances, implements, ladders, cordage, tackle, scaffolding and temporary works required for the proper execution of the work, whether original, altered or substituted and whether included in the specification or other document forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting the measurement for examination at any time and from time to time of the work or materials. Failing his so doing the same may be provided by the Engineer-in-Charge at case to the contractor, under this contract or otherwise and/or from his security deposit or the proceeds of sale thereof, or of a sufficient portions thereof.

CLAUSE 18 A

Recovery of Compensation paid to Workman

In every case in which by virtue of the provisions sub-section (1) of Section 12, of the Workmen's Compensations Act, 1923, Government is obliged to pay compensation to a workman employed by the contractor, in execution of the works, Government will recover from the contractor the amount of the compensation so paid; and without prejudice to the right of the Government under sub-section (2) of section 12, of the said Act, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Government to the contractor whether under this contract or otherwise. Government shall not be bound to contest any claim made against it under sub-section (1) Section 12, of the said Act, except on the written request of the contractor and upon his giving to Government full security for all costs for which Government might become liable in consequence of contesting such claim.

CLAUSE 18 B

Ensuring Payment and Amenities to Workers if Contractor fails

In every case in which by virtue of the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and of the Contract Labour (Regulation and Abolition) Central Rules, 1971, Government is obliged to pay any amounts of wages to a workman employed by the contractor in execution of the works, or to incur any expenditure in providing welfare and health amenities required to be provided under the above said Act and the rules under Clause 19H or under the P.W.D. Contractor's Labour Regulations, or under the Rules framed by Government from time to time for the protection of health and sanitary arrangements for workers employed by P.W.D. Contractors, Government will recover from the contractor the amount of wages so paid or the amount of expenditure so incurred; and without prejudice to the rights of the Government under sub-section (2) of Section 20, and sub-section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Government to the contractor whether under this contract or otherwise Government shall not be bound to contest any claim made against it under sub-section (1) of Section 20, sub-section (4) of Section 21, of the said Act, except on the written request of the contractor and upon his giving to the Government full security for all costs for which Government might become liable in contesting such claim.

CLAUSE 19

Labour Laws to be complied by the Contractor

The contractor shall obtain a valid license under the State Labour Act, and the Contract Labour (Regulation and Abolition) Central rules 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986.

The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.

Any failure to fulfill these requirements shall attract the penal provisions of the contract arising out of the resultant non-execution of the work.

CLAUSE 19 A

No labour below the prescribed age shall be employed on the work.

CLAUSE 19 B

Payment of Wages

Payment of wages:

- i)** The contractor shall pay to labour employed by him either directly or through sub-contractors, wages not less than fair wages as defined in P.W.D. Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and Abolition) Act 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.
- ii)** The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him.
- iii)** In respect of all labour directly or indirectly employed in the works for performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with the Public Works Department contractor's Labour Regulations made by Government from time to time in regard to payment of wages, wage period, deductions from wages recovery of wages not paid and deductions unauthorisedly made, maintenance of wage books or wage slips, publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of the like nature or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation And Abolition) Central Rules, 1971, wherever applicable.
- iv)**
 - a) The Engineer-in-Charge concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of nonfulfillment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations.
 - b) Under the provision of Minimum Wages (Central) Rules 1950, the contractor is bound to allow to the labours directly or indirectly employed in the works one day rest for 6 days continuous work and pay wages at same rate as for duty. In the event of default the Engineer-in-Charge shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labours and pay the same to the persons entitled thereto from any money due to the contractor by the Engineer-in-Charge concerned.
- v)** The contractor shall comply with the provisions of the Payment of Wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Act, 1970, or the modifications thereof or any other laws relating thereto and the rules made thereunder from time to time.
- vi)** The contractor shall indemnify and keep indemnified Government against payments to be made under and for the observance of the laws aforesaid

and the P.W.D. Contractor's Labour Regulations without prejudice to his right to claim indemnity from his sub-contractors.

- vii) The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.
- viii) Whatever is the minimum wage for the time being, or if the wage payable higher than such wage, such wage shall be paid by the contractor to the workmen directly without the intervention of Jamadar and that Jamadar shall not be entitled to deduct or recover any amount from the minimum wage payable to the workmen as and by way of commission or otherwise.
- ix) The contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered by the Jamadar from the wage of workmen.

CLAUSE 19 C

In respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange for the safety provisions as per relevant Safety Code framed from time to time and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid he shall be liable to pay a penalty of Rs. 200/- for each default and in addition the Engineer-in-Charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the contractor.

CLAUSE 20

Minimum wages Act to be complied with.

The contractor shall at least pay and comply with all the provisions of the Minimum wages Act s and rules framed there under other labour laws related to contract labour.

CLAUSE 21

Work not to be sublet. Action in case of insolvency

The contract shall not be assigned or sublet without the written approval of the Engineer-in-Charge. And if the contractor shall assign or sublet his contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given, promised or offered by the contractor, or any of his servants or agent to any public officer or person in the employ of Government in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in- Charge on behalf of competent authority shall have power to adopt the courses specified in Clause 3 hereof in the interest of Government and in the event of such course being adopted the consequences specified in the said Clause 3 shall ensue.

CLAUSE 22

Compensation

All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of Government without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

CLUASE 23

Changes in firm's Constitution to be intimated

Where the contractor is a partnership firm, the previous approval in writing of the Engineer-in-Charge shall be obtained before any change is made in the constitution of the firm. Where the contractor is an individual or a Hindu undivided family business concern such approval as aforesaid shall likewise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the works hereby undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract shall be deemed to have been assigned in contravention of Clause 21 thereof and the same action may be taken, and the same consequences shall ensue as provided in the said Clause 21.

CLAUSE 24

Approval of Engineer
Incharge

All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Engineer-in-Charge who shall be entitled to direct at what point or points and in what manner they are to be commenced, and from time to time carried on.

CLAUSE 25

Settlement of
Disputes &
Arbitration

Dispute Resolution

Amicable Settlement: The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with the Contract or the interpretation thereof.

Conciliation: In the event of any Dispute between the Parties, either Party may call upon [Managing Director of <Patna Smart City Limited>] and the Chairman of the Board of Directors of the Contractor or a substitute thereof for amicable settlement, and upon such reference, the said persons shall meet no later than 10(ten) days from the date of reference to discuss and attempt to amicably resolve the Dispute. If such meeting does not take place within the 10(ten) day period or the Dispute is not amicably settled within 15(fifteen) days of the meeting or the Dispute is not resolved as evidenced by the signing of written terms of settlement within 30 (thirty) days of the notice in writing or such longer period as may be mutually agreed by the Parties, either Party may refer the Dispute to arbitration.

In case, a dispute is referred to arbitration, the arbitration shall be under the Indian Arbitration and Conciliation Act, 1996 and any statutory modification or re-enactment thereof.

The procedure for arbitration shall be as follows:

In case of dispute or difference arising between the employer and the contractor relating to any matter arising out of concerned with this agreement it shall be settled in accordance with the arbitration and conciliation act 1996. The disputes or differences shall be referred to a sole Arbitrator. The sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the Appointing Authority (any one of the organizations as listed in clause 18.6).

The Arbitration proceedings shall be held in Patna, Bihar, India.

The cost and expenses of arbitration proceedings will be paid as determined by the Arbitrator. However, the expenses incurred by each party in connection with the preparation, presentation, etc. shall be borne by each party itself.

Performance under the contract shall continue during the arbitration proceedings and the payment due to the contractor by the authority shall not be withheld unless they are the subject matter of the arbitration proceedings.

Arbitration proceedings shall be governed by Arbitration and Conciliation Act, 1996.

The Arbitration proceeding shall be governed by the substantive laws of India.

The proceedings of Arbitration shall be in English language.

The list of organizations which are considered as appointing authorities for appointment of sole arbitrators.

Indian Council of Arbitration, New Delhi

CLAUSE 25A**1. Termination**

Authority may, terminate this Contract in whole or in part by giving Contractor a prior and written notice indicating its intention to terminate the Contract under the following circumstances:

Where Authority is of the opinion that there has been such Event of Default on the part of Contractor which would make it proper and necessary to terminate this Contract and may include failure on the part of Contractor to respect any of its commitments with regard to any part of its obligations under its Bid, the SBD or under this Contract.

Where it comes to the Authority's attention that Contractor (or Contractor's Team) is in a position of actual conflict of interest with the interests of the Authority, in relation to any of terms of Contractor's Bid, the SBD or this Contract.

Where Contractor's ability to survive as an independent corporate entity is threatened or is lost owing to any reason whatsoever, including inter-alia the filing of any bankruptcy proceedings against Contractor, any failure by Contractor to pay any of its dues to its creditors, the institution of any winding up proceedings against Contractor or the happening of any such events that are averse to the commercial viability of Contractor. In the event of the happening of any events of the above nature, the Authority shall reserve the right to take any steps as are necessary, to ensure the effective transition of the sites to a successor agency, and to ensure business continuity.

Termination for Insolvency: The Authority may at any time terminate the Contract by giving written notice to Contractor, without compensation to Contractor, if Contractor becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Authority.

2. Payment upon Termination:

If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Authority shall issue a certificate for the value of the work done less, advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Authority exceeds any payment due to the Contractor, the difference shall be a debt payable to the Authority for which the recovery shall be made from the PBG on forfeiture.

If the Contract is terminated at the Authority's convenience, the Authority shall issue a certificate for the value of the work done, less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law. No extra cost will be paid by the Authority for expenditure towards removal of Equipment, repatriation of the Contractor's personnel Employed solely on the Works and the Contractor's costs of protecting and securing the Works.

3. Consequence of Termination

In the event of termination of the Contract due to any cause whatsoever, whether consequent to the stipulated Term of the Contract or otherwise the Authority shall be entitled to impose any such obligations and conditions and issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the project which Contractor shall be obliged to comply with and take all available steps to minimize loss resulting from that termination/breach, and further allow and provide all such assistance to the Authority and/ or the successor agency/ service provider, as may be required, to take over the obligations of Contractor in relation to the execution/continued execution of the requirements of the Contract.

Where the termination of the Contract is prior to its stipulated term on account of a Default on the part of Contractor or due to the fact that the survival of Contractor as an independent corporate entity is threatened/has ceased, or due to invoke of Force Majeure or for any other reason, whatsoever, the Authority shall pay Contractor for all goods supplied and the Services rendered, under the project, up to the date of termination.

Nothing herein shall restrict the right of the Authority to invoke the Bank Guarantee and other Guarantees furnished hereunder and pursue such other rights and/or remedies that may be available to the Authority under law.

Termination hereof shall not affect any accrued right or liability of either Party or affect operation of provisions of Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

CLAUSE 26

Contractor to indemnify Govt. against Patent Rights

The contractor shall fully indemnify and deep indemnified the Governor of Bihar against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claims made under the action brought against Government in respect of any such matter as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expense, to settle any dispute or to conduct any litigation that may arise therefrom, provided that the contractor shall not be liable to indemnify the Governor of Bihar if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Engineer-in-Charge in this behalf.

CLAUSE 27

Lumpsum Provisions in Tender

When the estimate on which a tender is made includes lump sum in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work in question is not, in the opinion of the Engineer-in-Charge capable of measurement, The Engineer-in-Charge may at his discretion pay the lump-sum amount entered in the estimate, and the certificate in writing of the Engineer-in-Charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause.

CLAUSE 28

Action where no Specifications are specified

In the case of any class of work for which there is no such specifications as referred to in Clause 11, such work shall be carried out in accordance with the Bureau of Indian Standards Specifications, Indian Road Congress for road works and Indian Building Congress for building works or any central government agency. In case there are no such specifications in Bureau of Indian Standards, the work shall be

carried out as per manufacturers specifications. If not available then as per Department Specifications. In case there are no such specifications as required above, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-Charge.

CLAUSE 29

With-holding and
lien in respect of
sums due from
contractor

- i) Whenever any claim or claims for payment of a sum of money arises out of or under the contract or against the contractor, the Engineer-in-Charge or the Government shall be entitled to with hold and also have a lien to retain such sum or sums in whole or in part from the security, if any deposited by the contractor and for the purpose aforesaid, the Engineer-in-Charge or the Government shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the contractor, the Engineer-in-Charge or the Government shall be entitled to withhold and have a lien to retain to the extent of payable or which may at any time thereafter become payable to the contractor under the same contract or any other contract with the Engineer-in-Charge of the Government or any contracting person through the Engineer-in-Charge of the Government or any contraction person through the Engineer-in-Charge pending finalization of adjudication of any such claim.

It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above by the Engineer-in-Charge or Government will be kept withheld or retained as such by the Engineer-in- Charge or Government till the claim arising out of or under the contract is determined by the arbitrator (if the contract is governed by the arbitration clause) or by the competent court, as the case may be and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor is a partnership firm or a limited company, the Engineer-in- Charge or the Government shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company as the case may be, whether in his individual capacity or otherwise.

- ii) Government shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract etc., to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed to have been done by him under the contract and found notto have been executed, the contractor shall be liable to refund the amount of over-payment and it shall be lawful for Government to recover the same from him in the manner prescribed in sub-clause (i) of this clause or in any other manner legally permissible; and if is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by Government to the contractor, without any interest thereon whatsoever.

CLAUSE 29 A

Lien in respect of
claims in other
Contracts

Any sum of money due and payable to the contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Engineer-in-Charge or the Government or any other contracting person or persons through Engineer-in-Charge against any claim of the Engineer-in-Charge or Government or such other person or persons in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Engineer-in-Charge or the Government or with such other person or persons.

It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Engineer-in-Charge or the Government will be kept withheld or retained as such by the Engineer-in-Charge or the Government till his claim arising out of the same contract or any other contract is either mutually settled or determined by the arbitration clause or by the competent court, as the case may be and that the contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this clause and duly notified as such to the contractor.

CLAUSE 30

Unfiltered
water
supply

The contractor(s) shall make his/their own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following conditions.

- i) That the water used by the contractor(s) shall be fit for construction purposes to the satisfaction of the Engineer-in-Charge.
- ii) The Engineer-in-Charge shall make alternative arrangements for supply of water at the risk and cost of contractor(s) if the arrangements made by the contractor(s) for procurement of water are in the opinion of the Engineer-in-Charge, unsatisfactory.

CLAUSE 31

Return of
surplus
material

Notwithstanding anything contained to the contrary in this contract, where any materials for the execution of the contract are procured with the assistance of Government either by issue from Government stocks or purchase made under orders or permits or licenses issued by Government the contractor shall hold the said materials economically and solely for the purpose of the contract and not dispose of them without the written permission of the Government and return, if required by the Engineer in Charge, all surplus or unserviceable materials that may be left with him after the completion of the contract or at its termination for any reason whatsoever on being paid or credited such price as the Engineer in Charge shall determine having due regard to the condition of the materials. The price allowed to the contractor however shall not exceed the amount charged to him excluding the element of storage charges. The decision of the Engineer in Charge shall be final and conclusive. In the event of breach of the aforesaid condition the contractor shall in addition to throwing himself open to action for contravention of the term of the license or permit and/or for criminal breach of trust, be liable to Government for all moneys, advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach.

CLAUSE 32

Hire of Plant &
Machinery

- i) The contractor shall arrange at his own expense all tools, plant machinery and equipment (hereinafter referred to as T & P) required for execution of the work except for the Plant & Machinery listed in Schedule 'C' and stipulated for issue to the contractor. If the contractor requires any item of T & P on hire from the T & P available will, if such item is available, hire it to the contractor at rates to be agreed upon between him and the Engineer-in-Charge. In such a case all the conditions hereunder for issue of T & P shall also be applicable to such T & P as is agreed to be issued.
- ii) Plant and Machinery when supplied on hire charges shown in Schedule 'C' shall be made over and taken back at the departmental equipment yard/shed shown in Schedule 'C' and the contractor shall bear the cost of carriage from the place of issue to the site of work and back. The contractor shall be responsible to return the plant and machinery in the condition in which it was handed over to him, and he shall be responsible for all damage caused to the said plant and machinery at the site of work or elsewhere in operation and otherwise during transit including damage to or loss of plant and for all losses due to his failure to return the same soon after the completion of the work for which it was issued. The Divisional Engineer shall be the sole judge to determine the liability of the contractor and its extent in this regard and his decision shall be final and binding on the contractor.

- iii) The plant and machinery as stipulated above will be issued as and when available and if required by the contractor. The contractor shall arrange his programme of work according to the availability of the plant and machinery and no claim, whatsoever, will be entertained from him for any delay in supply by the Department.
- iv) The hire charges shall be recovered at the prescribed rates from and inclusive of the date the plant and machinery made over up to and inclusive of the date of the return in good order even though the same may not have been working for any cause except major breakdown due to no fault of the contractor or faulty use requiring more than three working days continuously (excluding intervening holidays and Sundays) for bringing the plant in order. The contractor shall immediately intimate in writing to the Engineer in Charge when any plant or machinery gets out of order requiring major repairs as aforesaid. The Engineer in Charge shall record the date and time of receipt of such intimation in the log sheet of the plant or machinery. Based on this if the breakdown occurs before lunch period or major breakdown will be computed considering half a day's breakdown on the day of complaint. If the breakdown occurs in the post lunch period of major breakdown will be computed starting from the next working day. In case of any dispute under this clause the decision of the CGM, PSCL & Chief Engineer, BUIDCO shall be final and binding on the contractor.
- v) The hire charges shown above are for each day of 8 hours (inclusive of the one-hour lunch break) or part thereof.
- vi) Hire charges will include service of operating staff as required and also supply of lubricating oil and stores for cleaning purposes. Power fuel of approved type, firewood, kerosene oil etc. for running the plant and machinery and also the full time chowkidar for guarding the plant and machinery against any loss or damage shall be arranged by the contractor who shall be fully responsible for the safeguard and security of plant and machinery. The contractor shall on or before the supply of plant and machinery sign an agreement indemnifying the Department against any loss or damage caused to the plant and machinery either during transit or at site of work.
- vii) Ordinarily, no plant and machinery shall work for more than 8 hours a day inclusive of one hour lunch break. In case of an urgent work however, the Engineer in Charge may, at his discretion, allow the plant and machinery to be worked for more than normal period or 8 hours a day. In that case the hourly hire charges for overtime to charge (1/8)th of the daily charges) subject to a minimum of half day's normal charges on any particular day. For working out hire charges for over time a period of half an hour and above will be charged as one hour and a period of less than half an hour will be ignored.
- viii) The contractor shall release the plant and machinery every seventh day for periodical servicing and/or wash out which may take about three to four hours or more. Hire charges for full day shall be recovered from the contractor for the day of servicing/Wash out irrespective of the period employed in servicing.
- ix) The plant and machinery once issued to the contractor shall not be returned by him on account of lack of arrangements of labour and materials, etc. on his part, the same will be returned only when they are required for major repairs or when in the opinion of the Engineer in Charge the work or a portion of work for which the same was issued is completed.
- x) Log Book for recording the hours of daily work for each of the plant and machinery supplied to the contractor will be maintained by the Department and will be countersigned by the contractor or his authorized agent daily. In case the contractor contests the correctness of the entries and/or fails to sign the Log Book the decision of the Engineer in Charge shall be final and binding on him. Hire charges will be calculated according to the entries in the Log Book and will be binding on the contractor. Recovery on account of hire charges for road rollers shall be made for the minimum number of days worked out on the assumption that a roller can consolidate per day and maximum quantity of materials or area surfacing as noted against each in the annexed statement (see attached annexure).
- xi) In the case of concrete mixers, the contractors shall arrange to get the hopper cleaned and the drum washed at the close of the work each day or each occasion.
 - a) In case rollers for consolidation are employed by the contractor himself, log book for such rollers shall be maintained in the same manner as is done in case of departmental rollers, maximum quantity of any item to be consolidated for each roller day shall also be same as in Annexure to Clause 34(x). For less use of rollers recovery for the less roller days shall be made at the stipulated issue rate.
- xii) The contractor shall be responsible to return the plant and machinery in the condition in which

it was handed over to him and he shall be responsible for all damage caused to the said plant and machinery at the site of work or elsewhere in operation or otherwise or during transit including damage to or loss of parts, and for all losses due to him failure to return the same soon after the completion of the work for which it was issued. The Divisional Engineer shall be the sole judge to determine the liability of the contractor and its extent in this regard and his decision shall be final and binding on the contractor.

- xiii)** The contractor will be exempted for levy of any hire charges for the number of days he is called upon in writing by the Engineer in Charge to suspend execution of the work provided Government plant and machinery in question have, in fact remained idle with the contractor because of the suspension.
- xiv)** In the event of the contractor not requiring any item of plant and machinery issued by Government though not stipulated for issue in Schedule 'C' any time after taking delivery at the place of issue, he may return it after two days written notice or at any time without notice if he agrees to pay hire charges for two additional days without in any way affecting the right of the Engineer in-Charge to use the said plant and machinery during the said period of two days as he likes including hiring out to a third party.

CLAUSE 33

Employment of
Technical Staff and
employees

Contractors Superintendence, Supervision, Technical Staff & Employees

- i)** The contractor shall provide all necessary superintendence during execution of the work and as along thereafter as may be necessary for proper fulfilling of the obligations under the contract.

The contractor along with bidding of the tender, intimate in writing to the Engineer-in-Charge the name, qualifications, experience, age, address and other particulars along with certificates, of the technical representative to be in charge of the work. If there is any change then the new incumbents' qualifications and experience shall not be lower than specified in Schedule in I.T.B. (Annexure – 2). The Engineer-in-Charge shall within 15 days of issue of letter of acceptance intimate in writing his approval or otherwise it is deemed to be approved. Any such approval may at any time be withdrawn and in case of such withdrawal the contractor shall appoint another such representative according to the provisions of this clause. Decision of the tender accepting authority / MD, PSCL / Chief Engineer, BUIDCO shall be final and binding on the contractor in this respect. Technical staff shall be available at site within fifteen days of start of work.

If the contractor (or any partner in case of firm/company) himself has such qualifications, it will not be necessary for the said contractor to appoint such a principal technical representative but the contractor shall designate and appoint a responsible agent to represent him and to be present at the work whenever the contractor is not in a position to be so present. All the provisions applicable to the principal technical representative under the Clause will also be applicable in such a case to contractor or his responsible agent. The principal technical representative and/or the contractor or his responsible authorized agent shall be actually available at site at least two working days every week, these days shall be determined in advance and also during recording of measurement of works and whenever so required by the Engineer-in-Charge by a notice as aforesaid and shall also note down instructions conveyed by the Engineer-in-Charge or his designated representative in the

site order book and in token of acceptance of measurements. There shall be no objection if the representative/agent looks after more than one work and not more than three works in the same station provided these details are disclosed to the Engineer-in-Charge and he shall be satisfied that the provisions and the purpose of the clause are fulfilled satisfactorily.

If the Engineer-in-Charge, whose decision in this respect is final and binding on the contractor, is convinced that no such technical representative or agent is effectively appointed or is effectively attending or fulfilling the provision of this clause, a recovery shall be effected from the contractor as specified in Schedule 'F' and the decision of the Engineer-in-Charge as recorded in the site order book and measurement recorded in Measurement Books shall be final and binding on the contractor. Further if the contractor fails to appoint a suitable technical representative or responsible agent and if such appointed persons are not effectively present or do not discharge their responsibilities satisfactorily, the Engineer-in-Charge shall have full powers to suspend the execution of the work until such date as a suitable agent is appointed and the contractor shall submit a certificate of employment of the technical representative/responsible agent along with every on account bill/fixed bill and shall produce evidence if at any time so required by the Engineer-in-Charge.

- ii)** The contractor shall provide and employ on the site only such technical assistants as are skilled and experienced in their respective fields and such foremen and supervisory staff as are competent to give proper supervision to the work.

The contractor shall provide and employ skilled, semiskilled and unskilled labour as is necessary for proper and timely execution of the work.

The Engineer in Charge shall be at liberty to object to and require the contractor to remove from the works any person who in his opinion misconducts himself, or is incompetent or negligent in the performance of his duties or whose employment is otherwise considered by the Engineer in Charge to be undesirable. Such person shall not be employed again at works site without the written permission of the Engineer in Charge and the persons so removed shall be replaced as soon as possible by competent substitutes.

CLAUSE 34

Levy/Taxes payable by Contractor

- i)** Sales Tax or any other tax on materials in respect of this contract shall be payable by the contractor according to law in effect.
- ii)** The contractor shall deposit royalty and obtain necessary permit for supply of the red earth, moorum, sand chips bajri, stone, kankar, etc. from local authorities.
- iii)** If pursuant to or under any law, notification or order any royalty, cess or the hike becomes payable to the Government of India and does not at any time become payable by the contractor to the State Government/ Local authorities in respect of any material used by the contractor in the works then in such a case, it shall be lawful to the Government of India and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from the dues of the contractor.

CLAUSE 35

Conditions for reimbursement of levy/taxes if levied after receipt of tenders

- i)** All tendered rates shall be inclusive of all taxes and levies payable under respective statutes. However, pursuant to the Constitution (46th Amendment) Act. 1982, if any further tax or levy is imposed by Statute, after the last stipulated date for the receipt of tender including extensions if any and the contractor thereupon necessarily and properly pays such taxes/levies the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Chief Engineer (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.
- ii)** The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorised representative of the Government

and/or the Engineer-in-Charge and further shall furnish such other information/document as the Engineer-in-Charge may require from time to time.

- iii) The contractor shall, within a period of 30 days of the imposition of any such further tax or levy, pursuant to the Constitution (Forty Sixth Amendment) Act 1982, give a written notice thereof to the Engineer-in-Charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

CLAUSE 36

Imprisonment of Contractor

If the contractor is imprisoned, becomes insolvent compound with his creditors, has a receiving order made against him or carries on business under a receiver for the benefit of the creditors or any of them, or being a partnership firm becomes dissolved, or being a company or corporations goes into liquidation or commences to be wound up not being a voluntary winding up for the purpose only of amalgamation or reconstitution the department shall be at liberty.

- (a) To give such liquidator, receiver, or other person in whom the contract may become vested, the option of carrying out the contract or a portion thereof to be determined by the department, subject to his providing an appropriate guarantee for the performance of such contract or.
- (b) To terminate the contract, forthwith by notice in writing to the contractor, the liquidator, the receiver or person in whom the contract may become vested and take further action as provided in the relevant clauses of the contract.

CLAUSE 37

Termination of Contract on death of contractor

Without prejudice to any of the rights or remedies under this contract if the contractor dies, the Divisional Officer on behalf of the competent authority shall have the option of terminating the contract without compensation to the contractor after the affidavit of his/ their legal heir/heirs that they are not going to be in this profession in future.

CLAUSE 38

If relation working in PSCL /BUIDCO then the contractor not allowed to tender

The contractor shall not be permitted to tender for works in the PSCL. (responsible for award and execution of contracts) in which his near relative is posted as Accountant/CFO/CS or as an officer in any capacity between the grades of the CEO, PSCL and Manager, PSCL (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Officer in the PSCL. or in the concerned department. Any breach of this condition by the contractors of this Department shall lead to blacklisting. If the contractor is registered in any other department, he shall be debarred from tendering in PSCL for any breach of this condition.

NOTE: By the term "near relatives" is meant wife, husband, parents and grandparents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in law.

CLAUSE 39

No-Gazetted-Engineer to work as Contractor within two years of retirement

No engineer of gazetted rank of other gazetted officer employed in engineering of administrative duties in an engineering department of the Government of Bihar shall work as a contractor or employee of a contractor for a period of two years after his retirement from government service without the previous permission of State Government in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained said permission prior to engagement in the contractor's service, as the case may be.

CLAUSE 40

Return of material and recovery for excess material issued

- i) ~~After completion of the work and also at any intermediate stage in the event of non reconciliation of materials issued, consumed and in balance (see Clause 10) theoretical quantity of materials issued by the Government for use in the work shall be calculated on the basis and method given hereunder.~~

~~a) Quantity of cement & bitumen shall be calculated on the basis of quantity of cement & bitumen required different items of work as shown in the Schedule of Rates mentioned in Schedule 'F'. In case any item is executed for which standard constants for the consumption of cement or bitumen are not available in the above-mentioned schedule/statement or cannot be derived from the same shall be calculated on the basis of standard formula to be laid down by the Engineer in Charge.~~

~~b) Theoretical quantity of steel reinforcement of structural steel sections shall be taken as the quantity required as per design or as authorized by Engineer in Charge, including authorized lap pages, chairs etc., plus 3% wastage due to cutting into pieces, such theoretical quantity being determined and compared with the actual issues each diameter wise, section wise and category wise separately.~~

~~c) For any other material as per actual requirements.~~

~~ii) Over the theoretical quantities of materials so computed a variation shall be allowed as specified in Schedule 'F'. The difference in the net quantities of material actually issued to the contractor and the theoretical quantities including such authorized variation, if not returned by the contractor or if not fully reconciled to the satisfaction of the Engineer in Charge within fifteen days of the issue of written notice by the Engineer in Charge to this effect shall be recovered at the rates specified in Schedule 'F' without prejudice to the provision of the relevant conditions regarding return of materials governing the contract. Decision of Engineer in Charge in regard to theoretical quantities of materials, which should have been actually used as per the Annexure of the standard schedule of rates and recovery at rates specified in Schedule 'F', shall be final & binding on the contractor~~

~~For not scheduled items, the decision of the Superintending Engineer regarding theoretical quantities of materials, which should have been actually used, shall be final and binding on the contractor.~~

~~iii) The said action under this clause is without prejudice to the right of the Government to take action against the contractor under any other conditions of contract for not doing the work according to the prescribed specifications.~~

CLAUSE 41

Release of Security deposit

On completion of the whole of the work, half of the total amount of security shall be repaid to the contractor after six months of completion. However, the balance half of the total amount of security will be returned after completion of defect liability period and after the Engineer has certified that all defects notified by him to the contractor before the end of this period have been corrected and also after recovery of any dues.

CLUASE 42

Responsibility of Technical Staff and employees

Technical officers / staff deployed by the Contractor at any construction site will also be responsible for inferior quality / poor performance of any work and his name will be circulated to all government departments/Under takings. to debar from any other site, if his name is being proposed by other contractor.

CLAUSE 43

Contractor's Risks

All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

CLAUSE 44

Insurance

The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles stated in the Contract Data for the following events which are due to the Contractor's risks:

- (a) loss of or damage to the Works, Plant and Materials;
- (b) loss of or damage to Equipment;
- (c) loss of or damage of property (except the Works, Plant, Materials and Equipment) in connection with the Contract; and
- (d) Personal injury or death.

Policies and certificates for insurance shall be delivered by the Contractor to the Engineer for the Engineer's approval before the Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

If the Contractor does not provide any of the policies and certificates required, the Employer may affect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.

Alteration to the terms of insurance shall not be made without the approval of the Engineer.

Both parties shall comply with any conditions of the insurance policies.

CLAUSE 45

Cash Flow
Estimate to be
Submitted

The Contractor shall, within the time stated in special Conditions of contract after the date of the Letter of Acceptance, provide to the Engineer for his information a detailed cash flow estimate, in quarterly periods, of all payments to which the Contractor will be entitled under the Contract and the Contractor shall subsequently supply revised cash flow estimates at quarterly intervals, if required to do so by the Engineer. in charge

CLAUSE 46

Safety, Security and
Protection of the
Environment

The Contractor shall, throughout the execution and completion of the Works and the remedying of any defects therein:

- (a)** have full regard for the safety of all persons entitled to be upon the Site and keep the Site (so far as the same is under his control) and the Works (so far as the same are not completed or occupied by the Employer) in an orderly state appropriate to the avoidance of danger to such persons,
- (b)** Provide and maintain at his own cost all lights, guards, fencing, warning signs and watchmen and where necessary or required by the Engineer or by any duly constituted authority, for the protection of the Works or for the safety and convenience of the public or others, and
- (c)** take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation.

CLAUSE 47

All samples shall be supplied by the Contractor at his own cost if the supply thereof is clearly intended by or provided for in the Contract.

Cost of
Samples

CLAUSE 48

The cost of making any test shall be borne by the Contractor if such test is :

Cost of Tests

- (a)** clearly intended by or provided for in the Contract, or
- (b)** particularized in the Contract (in case only of a test under load or of a test to ascertain whether the design of any finished or partially finished work is appropriate for the purposes which it was intended to fulfill) in sufficient detail to enable the Contractor to price or allow for the same in his Tender.

CLAUSE 49

If any test required by the Engineer which is:

Cost of Tests not
Provided for

- (a)** not so intended by or provided for,
- (b)** (in the cases above mentioned) not so particularized, or
- (c)** (though so intended or provided for) required by the Engineer to be carried out at any place other than the Site or the place of manufacture, fabrication or preparation of the materials or Plant tested,

shows the materials, Plant or workmanship not to be in accordance with the provisions of the Contract to the satisfaction of the Engineer, then the cost of such test shall be borne by the Contractor, but in any other case department will bear the cost.

CLAUSE 50

Commencement of Works

The contractor shall commence the Works as soon as is reasonably possible after the receipt by him of a notice to this effect from the Engineer, which notice shall be issued within the time stated in the Appendix to Tender after the date of the Letter of Acceptance. Thereafter, the Contractor shall proceed with the Works with due expedition and without delay.

CLAUSE 51

Substantial
Completion of
Parts

If any part of the Permanent Works has been substantially completed and has satisfactorily passed any Test on Completion prescribed by the Contract, the Engineer may issue a Taking-Over Certificate in respect of that part of the Permanent Works before completion of the Works and, upon the issue of such Certificate, the Contractor shall be deemed to have undertaken to complete with due expedition any outstanding work in that part of the Permanent Works during the Defects Liability Period.

CLAUSE 52

Force Majeure

Force Majeure

Neither party shall be liable to the other for any loss or damage occasioned by or arising out of acts of GOD such as Unprecedented flood, Volcanic eruption, Earthquake or other convulsion of nature and other acts such as general/ partial strikes by a section of government employees/ invasion, the act of foreign countries/ hostilities or war like operations before or after declaration of war, rebellion/ military or usurped power which prevent performance of the contract and which could not have been foreseen or avoided by a prudent person.

CLAUSE 53

Recovery

Any amount found recoverable from the contractor shall be recovered as public demand under the Bihar Public Demand Act. without prejudice to any other mode of recovery.

Force Majeure

NOTE:

In case of difference or ambiguity in Hindi and English version, the English version will prevail.

SECTION 4
CONTRACT DATA (PROFORMA OF
SCHEDULES)

PROFORMA OF SCHEDULES

(Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'

Schedule of quantities

Sl. No.	Description of Item (with brief specification and reference to book of specification)	BILL OF QUANTITY				Amount
		Quantity	Unit	Rate		
				In figure	In words	
1	2	3	4	5	6	7
		As per attached B.O.Q				

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
			-Nil-	

SCHEDULE 'C'

Tools and plants to be hired to the contractor

Sl. No.	Description	Hire charge per day	Place of Issue
1	2	6	7
			-Nil-

SCHEDULE 'D'

Extra schedule for specific requirements/ document for the work, if any.

NIL

SCHEDULE 'F'

Name of work: - Construction of Foot over Bridge for pedestrians at St Xavier's School, Gandhi Maidan, Patna, Bihar under Smart City Mission.

Estimated cost of work: Rs. 3,41,22,790/-

- i)** Earnest money : Rs. 6,82,460/-
- ii)** Performance Guarantee: 2% of tendered value
- iii)** Security Deposit : 8% of tendered value.
- iv)** Project Duration: 06 months
- iv)** Defect Liability period: 03 (Three) Year
- v)** Client/Employer: Patna Smart City Limited (principal employer) & BUIDCO (Implementing agency)
- vi)** General Condition of Contract: As per SBD

SECTION 5
SPECIAL CONDITION OF CONTRACT
(Condition of Particular Application)

BIHAR URBAN INFRASTRUCTURE DEVELOPMENT
CORPORATION Ltd
GOVERNMENT OF BIHAR

Name of work

FOOT OVER BRIDGE – Construction and maintenance including 3 years DLP. The selected bidder will get the drawings vetted from NIT/IIT or equivalent and post project completion must submit As-built drawings.

For the general guidance and information of the prospective tenderers a brief note is given below, HOWEVER THE TENDERERS MUST NOTE THAT BEFORE PARTICIPATING IN THE BID, THEY MUST VISIT THE SITE AND SATISFY THEMSELVES BY BECOMING FULLY CONVERGENT/ FAMILIAR WITH THE ENTIRE EXISTING SYSTEM AND ALL RELEVANT SITE CONDITIONS. THE RATES QUOTED MUST BE INCLUSIVE OF ALL DESIGN/DRAWING, TAXES AND DUTIES FOR ALL THE COMPONENTS.

Location

The site chosen for the design of Foot Over Bridge is in between State Bank of India near St. Xavier's school and Gate no.1 at Gandhi Maidan located in the state of Bihar.

Design Data

The various parameters considered in the design of foot over bridge are as follows:

Main span specification

- Length of span-27.7 m
- Width of span -3m
- Height of span from Ground level -7.850 m

Escalator Specification

- Length of Escalator-18.270 m
- Step width of escalator-1000 mm
- Total width of escalator 1.6 m
- Rise of escalator-7.850 m
(From ground to span level)
- Speed-0.5 m/s
- Inclination-30 degree.

Lift Specification

Elevator with capacity 08 Persons/544 kg with 2 no of stops, speed 1 m/sec car size 1000 mm (w) x 1450 mm (D), 2200 (H) Car walls finish in Stainless Steel included pit ladder.

Loading data

- Location: St. Xavier's School, Gandhi Maidan, Patna
- Total span: 27.7 m
- Gangway width: 3.0 m
- Clear Height from the FOB to the base of Road: 7.850m
- Live load: 5 KN/mm²

Loading details

The loads acting on the structure is distributed to all the structural elements. The I've load and dead load acting on the main truss gets distributed from the gangway to the column. This load is then transferred to the footing below

Material properties

1 Steel

- Structural steel used in this design confirms to IS 800: 2007 with the following properties:
- Yield stress: 500 MPA
- Ultimate stress: 410 Mpa
- HYSD reinforcement of grade Fe 500 confirming to IS 456:2000 is used throughout.

2 Concrete

- All components unless specified in design: M 30 grade.

SECTION 6
TECHNICAL SPECIFICATION
(Along with Basic drawings)(Attached)

Lift & Escalator Specifications:

ITEM	Specifications
<p>SLIMLINE COMMERCIAL ESCALATOR</p>	<ul style="list-style-type: none"> • STANDARDS -EN 115 • STEP WIDTH -1000MM • HORIZONTAL STEPS -THREE • VERTICAL RISE=H -7750MM • HORIZONTAL SPAN= L18270MM • INCLINATION -30 DEGREE • SPEED -0.50M/S • GEAR BOX -WORM GEAR • START: -VVVF (INVERTER) • LIGHTING VOLTAGE -240V • FREQUENCY -50HZ • POWER VOLTAGE -415V • ARRANGEMENT -SINGLE • MOTOR POWER -11KW • DEFLECTION OF TRUSS -1/750*L • COLOUR OF PAINTED TRUSS -STANDARD COLOUR • TREATMENT OF TRUSS -HOT DIPTED GALVANIZED • DELIVERY IN - THREE PIECES • IMMEDIATE SUPPORT -ONE • INSTALLATION -OUTDOOR WEATHERROOF BY CLIENT • STANDARD INSTALLATION -500MM EXTENSION FOR VVVF • HANDRAIL COLOUR -BLACK • BALASTRADE PANEL -HAIRLINE STAINLESS STEEL • BALUSTRADE -VERTICAL,SLIMLINE,HEIGHT 1000MM • SKIRTING -HAIRLINE STAINLESS STEEL • INNER & OUTER DECKING -HAIRLINE STAINLESS STEEL • STEP DEMARCATION -YELLOW DEMARCATION • STEP -GREY COLOUR • PANEL OF LANDING PLATE -EXTRUDED ALUMINIUM • COMBS -DIE CAST ALUMINIUM • BROKEN DRIVE CHAIN CONTACT -YES • SKIRTING CONTACT -YES • HANDRAIL ENTERANCE CONTACT -YES • BROKEN STEP CHAIN CONTACT -YES • STEP SAG CONTACT -YES

	<ul style="list-style-type: none"> • PHASE MONITOR-YES • ZINC STEEL FLYING WHEEL COVER -YES • MOTOR OVERLOAD AND OVERHEAT CONTACT-YES • COMB CONTACT -YES • STEP GAP ILIMUNATION -YES • MAINTAIN LOCKING DEVICE -YES • ALARM BUZZER -YES • STEP ANTI STATIC BRUSH -YES • STOP BUTTON -YES • STEP REVERSING FENCES -YES • HANDRAIL ANTI STATIC ROLLER -YES • SERVICE BREAK RELEASE CONTACT-YES • LANDING PLATE SWITCH -YES • SKIRTING BRUSH -SINGLE ROW • LED COMB LIGHTING -YES • AUTO LUBRICATION SYSTEM -YES(WITH OIL COLLECTOR) • LED TRAFFIC LIGHT-FIXED ARROW SIGH-ONE EACH AT TOP & BOTTOM. • OUTSIDE TRUSS CADDING-HAIRLINE STAINLESS STEEL • AUTO START -DIFFUSE SENSOR • FREE SERVICE FOR ONE YEAR -YES
LIFT	<ul style="list-style-type: none"> • CHAIN PROTECTION -ZINCED • FLOAT SWITCH AT LOWER MACHINE ROOM-YES • ZINC STEEL DRIVE CHAIN COVER -YES • OIL-WATER SEPERATOR -YES • CIVIL WORK AND INTERMIDIATE SUPPORT-BY CUSTOMER • LOAD -8 PERSON • SPEED -1 M/SEC • DRIVE -MICRO PROCESSOR BASED VVVF-CLOSED LOOP • TRAVEL/PIT/HEADROOM -7.750M/PIT 1600MM/HEADROOM 4500MM • NUMBER OF FLOORS -2(G+1) • NUMBER OF POSITION OF CAR ENTERENCE-2(TWO),ON OPPOSITE SIDE • FLOOR DISPLAY CHARACTER(ENTERENCE POSITION)-

	<p>0(F),1 (F)</p> <ul style="list-style-type: none"> • POSITION OF MACHINERY-MACHINE ROOMLESS-GEARLESS • SIZE OF LIFT WELL-2000*1970(MM WIDE*MM DEPTH*MM HEIGHT*MM E-VALUE) • LIFT CAR INSIDE SIZE-1000*1450**2200(MM WIDE*MM DEPTH*MM HEIGHT*MM C-VALUE) • CLEAR OPENING OF GATES/DOOR/LINTEL/EC - 800*2000(MM WIDE*MMHEIGHT)LINTEL-2225MM ECBR0101090 • TYPE OF DESIGN OF LIFT CAR –STAINLESS STEEL HAIRLINE FINISH • CAR SELLING –CAR FLOOR –SLEEK SMALL CIRCULAR JLFC 03 SS HAIRLINE FINISH PVC • CAR FITTING –LED LIGHTS & REGULAR (CIRCULAR) FAN • TYPE OF CAR FRONT ENTERENCE PROTECTION – POWER OPERATED CENTRE OPENING SLIDING DOOR STAINLESS STEEL HAIRLINE FINISH • TYPE OF CAR REAR ENTERENCE PROTECTION - POWER OPERATED CENTRE OPENING SLIDING DOOR STAINLESS STEEL HAIRLINE FINISH • LAND ENTERENCE PROTECTION (0,1)-CENTRE OPENING SLIDING DOOR STAINLESS STEEL HAIRLINE FINISH • MICROPROCESSOR BASED SIMPLEX SELECTIVE COLLECTIVECONTROL WITH/WITHOUT ATTENDENT • AC THREE PHASE ,50 CYCLES ,415 VOLTS • 3MONTH /EX WORKS/3 WEEKS • ORANGE SQUARE DOT MATRIX SCROLLING DISPLAY VERTICAL
--	---

SECTION 7
BILL OF QUANTITY
(Attached)

BILL OF QUANTITIES

Preamble

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, Conditions of Contract, Technical Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Engineer and valued at the rates and prices tendered 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 tendered in the priced Bill of Quantities shall, except in so far 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. The rates and prices shall be quoted entirely in Indian Currency.
5. A rate 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. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no Items are provided the cost shall be deemed to be distributed among the rates and prices entered for the related Items of Work.
7. General directions and descriptions of work and materials are not necessarily repeated or summarized in the Bill of Quantities. References to the relevant sections of the contract documentation shall be made before entering rates or prices against each item in the Bill of Quantities.
8. The method of measurement of completed work for payment shall be in accordance with the specification issued by the department time to time.
9. Errors will be corrected by the Employer for any arithmetic errors pursuant to Clause 29 of the Instructions to Bidders.

BILL OF QUANTITIES

Sl. No.	Description of Item (with brief specification and reference to book of specification)	Quantity	Unit	Rate		Amount
				In Figure	In Words	
<u>As Annexed</u>						

Note :

1. Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the bill of quantities
2. Unit rates and prices shall be quoted by the bidder in Indian rupee
3. Where there is a discrepancy between the rate in figures and words, the rates in words will govern.
4. Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern

SECTION 8 SECURITIES
AND OTHER FORMS
(to be filled by Bidder/Employer)

BID SECURITY (BANK GUARANTEE UNCONDITIONAL)

WHEREAS, _____ [name of Bidder] (hereinafter called "the Bidder") has submitted his Bid dated _____ [date] for the construction of _____ [name of Contract hereinafter called "the Bid"].

KNOW ALL PEOPLE by these presents that We _____
_____ [name of Bank] of _____ [name of country] having our
registered office at _____
_____ (hereinafter called "the Bank") are
bound unto _____ [name of Employer] (hereinafter called "the
Employer") in the sum of _____ *for which payment well and truly to
be made to the said Employer by the Bank itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of
_____, 20____.

THE CONDITIONS of this obligation are :

(1) If after Bid opening the Bidder withdraws his bid during the period of Bid validity specified in the Form of Bid;

OR

(2) If the Bidder having been notified to the acceptance of his bid by the Employer during the period of Bid validity :

- (a)** fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
- (b)** fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders; or
- (c)** does not accept the correction of the Bid Price pursuant to Clause 27.

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him as due to him owing to the occurrence of one or any of the three conditions, (specifying the occurred condition or conditions).

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

DATE _____

SIGNATURE

WITNESS _____

SEAL

[Signature, name and address]

- * The Bidder should insert the amount of the guarantee in words and figuresdenominated in Indian Rupees. This figure should be the same as shown in Clause 16.1 of the Instructions to Bidders.
- ** 45 days after the end of the validity period of the Bid. Date should be inserted bythe Employer before the Bidding documents are issued.

PERFORMANCE BANK GUARANTEE

To

_____ [name of Employer]
_____ [address of Employer]

WHEREAS _____ [name and address of Contractor] (hereafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ [name of Contract and brief description of Works] (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligation in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee :

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you on behalf of the Contractor, up to a total of _____ [amount of guarantee]* _____ (in words), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between your and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 28 days from the date of expiry of the Defect Liability Period.

Signature and Seal of the guarantor _____
Name of Bank _____
Address _____
Date _____

* *An amount shall be inserted by the Guarantor, representing the percentage the Contract Price specified in the Contract including additional security for unbalanced Bids, if any and denominated in Indian Rupees.*

Letter of Acceptance
(Letter head of the Employer)

_____ (Date)

To

_____ (Name and address of the Contractor)

Dear Sirs,

This is to notify you that your Bid dated _____ for execution of the _____ (name of the contract and identification number, as given in the Instructions to Bidders) for the Contract Price of Rupees _____ (_____) (amount in words and figures), as corrected and modified in accordance with the Instructions to Bidders¹ is hereby accepted by our agency.

We accept/ do not accept that _____ be appointed as the Adjudicator². You are hereby requested to furnish Performance Security, in the form detailed in Para 34.1 of ITB for an amount equivalent to Rs. _____ within 21 days of the receipt of this letter of acceptance valid up to 28 days from the date of expiry of defects Liability Period i.e. up to _____ and sign the contract, failing which action as stated in Para 34.3 of ITB will be taken.

Yours faithfully,

Authorized Signature Name
and title of Signatory Name of
Agency

¹ Delete "corrected and" or "and modified" if only one of these actions applies. Delete as corrected and modified in accordance with the Instructions to Bidders, if corrections or modifications have not been affected.

² To be used only if the Contractor disagrees in his Bid with the Adjudicator proposed by the Employer in the "Instructions to Bidders".

Issue of Notice to proceed with the work
(Letterhead of the Employer)

_____ (Date)

To

_____ (Name and address of the Contractor)

Dear Sirs,

Pursuant to your furnishing the requisite security as stipulated in ITB Clause 34.1 and signing of the Contract for the construction of _____

_____ at a Bid
Price of Rs. _____.

You are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

(Signature, name and title of signatory authorized to sign
on behalf of Employer)

Agreement Form

Agreement

This agreement, made the _____ day of _____ between _____(name and address of Employer) [hereinafter called "the(name and address of contractor) hereinafter called "the Contractor" of the other part.]

Whereas the Employer is desirous that the Contractor execute

(name and identification number of Contract) (hereinafter called "the Works") and the Employer has accepted the Bid by the Contractor for the execution and completion of such works and the remedying of any defects therein, at a cost of Rs. _____

NOW THIS AGREEMENT WITNESSETH as follows :

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the Execution and completion of the Works and the remedying the defects wherein Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be ready and construed as part of this Agreement viz.
 - (i) Letter of Acceptance
 - (ii) Notice to proceed with the works;
 - (iii) Contractor's Bid
 - (iv) Condition of Contract : General and Special
 - (v) Contract Data
 - (vi) Additional condition
 - (vii) Drawings
 - (viii) Bill of Quantities and
 - (ix) Any other documents listed in the Contract Data as forming part of the Contract.

In witnessed whereof the parties there to have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____
was hereunto affixed in the presence of :

Signed, Sealed and Delivered by the said _____

in the presence of :

Binding Signature of Employer _____

Binding Signature of Contractor _____

UNDERTAKING

I, the undersigned do hereby undertake that our firm M/s _____
_____ agree to abide by this bid for a period _____ days for the date
fixed for receiving the same and it shall be binding on us and may be accepted at any time before the expiration
of that period.

(Signed by an Authorised Officer of the Firm)

Title of Officer

Name of Firm

DATE

MANUFACTURERS'/PRODUCERS' AUTHORIZATION FORM

(This form has to be provided by the OEMs of the major equipment. This letter should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.)

Date:

To

The Managing Director,
BUIDCO, Patna, Bihar

Subject: Manufacturer's Authorization Form

Ref: NIT No. ;dated

Dear Sir,

We (Name of the OEM) who are established and reputable manufacturers of (List of Goods) having factories or product development centers at the locations or as per list attached, do hereby authorize.

(Name and address of the Bidder) to bid, negotiate and conclude the contract with you against dated for the above goods manufactured or developed by us.

We hereby extend, our warranty for the hardware goods supplied by the bidder and or maintenance or support services for software products against this invitation for bid by (Name of the Bidder) as per requirements and for the duration of contract as specified in this SBD.

We also confirm that our offered product will not be end of life for minimum of 6 months from the date of bid submission and the support for such offered product/s will be available for minimum of 5 years from the date of award of contract.

Thanking you,

Yours faithfully,

For and behalf of (Name
of OEM) Authorized
Signatory
Name & Designation:

Place Date:

(Any type of Clerical or typingmistake/error must not have immediate effect).