



बिहार BIHAR

Handwritten signatures and stamps:
 23 Dec 2014
 कोषागार पटना
 (विभागीय)
 P 687675
 09-12-2014

AGREEMENT No. 497 SBD of 2014-15.

Name of Work : Renovation work of Building of Sahid Rajendra Singh Rajkiya High School, Gardanibagh, Patna(SL. No.-1) in Bihar.

Name of Agency : Prem Pratap Ray

Date of Commencement : 09-12-2014

Time of completion : Nine Months

Estimate Cost : Rs. 4,33,42,594/-

Agreement Value : Rs. 3,90,08,335/- (10.00% below BOQ rates)

Earnest Money :

Performance Security : Rs. 22,43,000/- (Details attached)

This agreement, made the 09th December, 2014 between Bihar State Educational Infrastructure Development Corporation Ltd. Patna. Hereinafter called the Employer of the first part and Prem Pratap Rai, Jai Mahabir Colony, Rai Bhawan, Bazzar Samiti, Mahendru, Patna.Bihar hereinafter called "the Contractor of the other part".

Whereas the Employer's is desirous that the Contractor execute Renovation work of Building of Sahid Rajendra Singh Rajkiya High School, Gardanibagh, Patna(SL. No.-1) in Bihar hereinafter called "the work" and the Employer has accepted the Bid by the Contractor for the execution of such work and the remedying of any defects therein, at a cost of Rs. 3,90,08,335/- (Rupees Three Crore Ninety Lacs Eight Thousand Three Hundred Thirty Five only.)

Handwritten signature: Prem Pratap

Handwritten signature and date: 9-12-2014
Chief Engineer
 BSEIDC Ltd Patna

NOW THIS AGREEMENT WITNESSETH as follows :

1. In this Agreement, words and expression shall have the same meaning as are assigned to them in the conditions of contract hereinafter referred to and they shall be deemed 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 mentioned, the Contractor hereby covenants with the Employer to execute and complete the 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 completion of the works and the remedying the defects wherein contract Price or such other may become payable under the provisions of the Contract at the times and in the manner provided in the contract.

4. The following documents shall be deemed to form and be read and construed as part of the Agreement Viz.

- i) Letter of Acceptance
- ii) Notice to proceed with the work.
- iii) Contractor's Bid
- iv) Condition of Contract: General and Special
- v) Contract Data
- vi) Additional Condition
- vii) Drawing
- 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 first before written.

The common Seal of

was hereunto affixed in the presence of :

Signed, Sealed and Delivery by the Said.....

In the Presence of :

Binding Signature of Employer.....

Binding Signature of Contractor.....



Performance Security

Name of Agency – “Prem Pratap Ray”

Performance Security of “Prem Pratap Ray” of “Renovation Of Sahib Rajendra Rajkiya High School Gardanibagh, Patna”

BG No.
07/16

DOI
28.11.14

Amount
2243000.00

(Rupees Twenty Two Lacs Forty Three Thousands Only)

Verified
9/12/14
लेखा पदाधिकारी
बिहार राज्य शैक्षणिक आधारभूत संरचना
विकास निगम लि०, पटना
9/12/14

Chief Eng

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BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION

(A Govt. Of Bihar Undertaking)

Shiksha Bhawan, Bihar Rastrabhasa Parishad Campus, Acharya Shiv Pujan Sahay Path, Saidi,
PATNA-800004. (Tel. No: 0612-2910314)

Letter of Acceptance

Letter no :- BSEIDC/FIN/1641/2014-

5577

Date.....9.10.14.....

To,

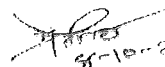
Prem Pratap ray,
At- Rai bhawan, Jai Mahabir Colony,
Patna.

Dear Sir,

This is to notify you that your Bid dt. 01.07.2014 for execution of
"Renovation of Sahid Rajendra Singh Rajkiya High School Gardanibag
Patna in Bihar, (SL.No.-01, in the District of Patna) has been accepted by
the Corporation at your quoted rate of 10.00% (Ten Decimal Zero Zero Percent)
below BOQ rates amounting to total contract price of Rs. 3,90,08,335=00 (Rs.
Three Crore Ninety Lacs Eight Thousand Three Hundred Thirty Five
only)

You are hereby requested to furnish performance security in the
form detailed in I.T.B. para 31.1 for an amount equivalent to Rs. 22,43,000=00
(Rs. Twenty Two Lacs Forty Three Thousand only) within ten days
receipt of this letter of acceptance valid upto 28 days from the date of expiry
defects liability period and sign the contract, failing which action as stated
Para 31.3 of ITB will be taken.

Yours faithfully


(Brajesh Prasad)
Chief Engineer

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BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION

(A Govt. Of Bihar Undertaking)

Shiksha Bhawan, Bihar Rastrabhasa Parishad Campus, Acharya Shiv Pujan Sahay Path, Saidpur,
PATNA-800004. (Tel. No: 0612-2910314)

Letter No. : BSEIDC/TECH/175/2014-3138

Patna, Date: 24.6.14

CORRIGENDUM NO.- 1

With reference to N.I.T No. 08/2014-15 through e-Tendering website www.eproc.bihar.gov.in, the following amendments have been made as mentioned below :-

1)

Sl No.	EXISTING PROVISION	AMENDED PROVISION
i	Period of Sale of Bid document (Download) from dated 10.06.2014 to 30.06.2014, 15:00 Hrs.	Period of Sale of Bid document (Download) from dated 10.06.2014 to 08.07.2014, 15:00 Hrs.
ii	Date and time for Pre-Bid Meeting Dated 16.06.2014, 14:30 Hrs.	Date and time for Pre-Bid Meeting Dated 30.06.2014, 14:30 Hrs.
iii	Last date and time for receipt (Upload) of Bids on dated 01.07.2014, 15:00 Hrs.	Last date and time for receipt (Upload) of Bids on dated 09.07.2014, 15:00 Hrs.
iv	Time and date for opening of Technical Bids on dated 04.07.2014, 15:30 Hrs.	Time and date for opening of Technical Bids on dated 11.07.2014, 15:30 Hrs.

2) 'BSEDC Bid processing Fee is mandatory to be paid through online mode i.e. Internet payment gateway (Credit/Debit card), Net Banking, NEFT/RTGS' vide letter no. 1923/14 dated 31.3.2014 of BSEDC.


Bids along with necessary online payments must be submitted through e-procurement www.eproc.bihar.gov.in before the date and time specific in the NIT/Corrigendum. The department doesn't take responsibility for the delay/Non submission of Tender/ Non Reconciliation of Online payment caused due to unavailability of Internet Connection, Network Traffic/ Holidays or any other reason.


Revised Cost of B.O.Q and E.M.D will be accepted in BSEIDC office up to 11.07.2014, 3 PM as mentioned in NIT prescribed format. Details are as below.

Sl. No.	Name of Work	Estimated Cost (Rs. In Lakh)	EMD (Rs. In Lakh)	COST of BOQ (In Rs.)	BELTRON Bid Processing Fee (Rs.)
1	RENOVATION FOR BUILDING OF S.R.P.S. GOVT. H.S, GARDANIBAGH, PATNA IN BIHAR	433.42594	8.67	10,000	16,854
2	RENOVATION FOR BUILDING OF S.R.P.S GOVT. H.S. LAL BAHADUR SHASHTRINAGAR IN BIHAR	246.57394	4.93	10,000	5,618
3	RENOVATION FOR BUILDING OF R.K.H.S AT BANKIPUR MACHHARIYAWAN, PATNA, BIHAR	293.93911	5.88	10,000	5,618

5	RENOVATION FOR BUILDING OF ZILA SCHOOL, CHHAPRA, IN BIHAR	154.20063	3.08	10,000	5,618
6	RENOVATION FOR BUILDING OF CHHAPRA RAJPUT SCHOOL, CHHAPRA, IN BIHAR	218.63197	4.37	10,000	5,618
7	RENOVATION FOR BUILDING OF MUZAFFARPUR ZILA SCHOOL, TIRHUT IN BIHAR	179.51656	3.59	10,000	5,618
8	RENOVATION FOR BUILDING OF G.A INTER SCHOOL HAJIPUR IN BIHAR	158.01720	3.16	10,000	5,618
9	RENOVATION FOR BUILDING OF ZILA SCHOOL, MOTIHARI IN BIHAR	337.95164	6.76	10,000	16,854
10	RENOVATION FOR BUILDING OF G.A INTER SCHOOL, ARWAL IN BIHAR	57.53455	1.15	10,000	1,124

The Other Terms & Conditions will remain same.


24-6-2011
Chief Engineer


Chief Engineer

बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड

(बिहार सरकार का एक उपक्रम) - 7-

शिक्षा भवन, बिहार राष्ट्रभाषा परिषद् कैम्पस, आचार्य शिवपुजन सहाय पथ, सैदपुर, पटना-800004 (दूरभाष:-0612-2910314)

निविदा आमंत्रण सूचना संख्या- 08 वर्ष 2014-15

प्रतिशत मद दर निविदा

(केवल ई-टेंडरिंग पद्धति के अनुसार वेबसाइट www.eproc.bihar.gov.in पर)

1. बिहार राज्य के अन्तर्गत निम्नांकित कार्य हेतु निविदा आमंत्रित की जाती है। कोई भी संवेदक जो केन्द्रीय/राज्य सरकार/क्षेत्रों में निबंधित हो, निविदा में भाग ले सकते हैं परन्तु इस निगम का रजिस्ट्रेशन कराना, उक्त कार्य का लेटर ऑफ एक्सेप्शन होने के बाद अनिवार्य होगा।

क्र०सं०	कार्य का नाम	प्राक्कलित राशि (लाख में)	अग्रधन का राशि (लाख में)	परिमाण विपत्र का मूल्य(रु०में)	कार्य की
1.	शहीद राजेन्द्र सिंह राजकीय उच्च विद्यालय गर्दनीबाग,पटना में वृहत मरम्मत का कार्य।	459.08/-	9.18/-	26,900/-	09
2.	राजकीय कन्या उच्च विद्यालय लालबहादुर शास्त्रीनगर,पटना में वृहत मरम्मत का कार्य।	261.23/-	5.22/-	15,650/-	06
3.	राजकीय कन्या उच्च विद्यालय बाँकीपुर, पटना में वृहत मरम्मत का कार्य।	305.34/-	6.11/-	26,900/-	06
4.	पटना कॉलेजिएट स्कूल,पटना में वृहत मरम्मत का कार्य।	327.08/-	6.54/-	26,900/-	06
5.	जिला स्कूल छपरा,सारण में वृहत मरम्मत का कार्य।	180.41/-	3.61/-	15,650/-	06
6.	राजपूत उच्च विद्यालय छपरा,सारण में वृहत मरम्मत का कार्य।	239.82/-	4.80/-	15,650/-	06
7.	जिला स्कूल मुजफ्फरपुर, तिरहुत में वृहत मरम्मत का कार्य।	192.61/-	3.85/-	15,650/-	06
8.	जी.ए. इंटर उच्च विद्यालय हाजीपुर,तिरहुत में वृहत मरम्मत का कार्य।	159.25/-	3.19/-	15,650/-	06
9.	जिला उच्च विद्यालय मोतिहारी, में वृहत मरम्मत का कार्य।	363.38/-	7.27/-	26,900/-	06
10.	जी.ए. इंटर स्कूल अरवल, में वृहत मरम्मत का कार्य।	58.85/-	1.18/-	11,150/-	06

नोट:-1. निविदाकार एक या अधिक ग्रुप में अलग-अलग निविदा डाल सकते हैं।

2. प्राक्कलित राशि घट या बढ़ सकती है एवं तदनुसार अग्रधन की राशि घट या बढ़ सकती है।

वेबसाइट-www.eproc.bihar.gov.in पर अंकित प्राक्कलित राशि, अग्रधन की राशि एवं परिमाण विपत्र की राशि मान्य होगा।

- (2) विज्ञापन निर्गत करने की तिथि :- दिनांक:- 19.05.2014
- (3) परिमाण विपत्र प्राप्त करने(डाउनलोड) की अवधि एवं समय :- दिनांक:- 10.06.2014 से 30.06.2014, 15:00 घंटा (वेबसाइट:www.eproc.bihar.gov.in पर)
- (4) प्री बिड मीटिंग का समय, स्थान एवं तिथि :- दिनांक:- 16.06.2014, 14:30 घंटा प्रबंध निदेश कार्यालय,बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम, पटना।
- (5) निविदा प्राप्ति(अपलोड) की अंतिम तिथि एवं समय :- दिनांक:- 01.07.2014, समय- 15:00 घंटा
- (6) टेक्निकल बिड खोलने की तिथि एवं समय :- दिनांक:- 04.07.2014, समय- 15:30 घंटा (वेबसाइट-www.eproc.bihar.gov.inपर)
- (7) वित्तीय बिड खोलने की तिथि एवं समय :- 15.07.2014, समय- 15:30 घंटा
- (8) निविदा खोलने का स्थान :- (वेबसाइट-www.eproc.bihar.gov.inपर)
- (9) निविदा की वैधता की अवधि :- 120 दिन
- (10) ई-टेंडरिंग की प्रक्रिया में भाग लेने हेतु संवेदकों को पंजीकृत होना होगा, जिससे कि उन्हें उपयोगकर्ता का नाम पासवर्ड (Password) अंकीय हस्ताक्षर (Digital Signature) निर्गत की जायेगी। यह उन्हें वेबसाइट www.eproc.bihar.gov.in पर डाउनलोड करने/टेंडर की प्रक्रिया में भाग लेने की योग्यता प्रदान करेगा।

कागजात/बैंक ड्राफ्ट/अग्रधन की राशि/सभी प्रमाण पत्र जो निविदा के लिए आवश्यक है को स्कैन कर ई-निविदा के साथ संलग्न करना अनिवार्य है।

(12) परिमाण विपत्र के दर से कम दर उद्धृत करने पर बीड डाक्यूमेंट की शर्तों एवं सरकारी निर्णयानुसार अतिरिक्त Performance Guarantee एकरारनामा के पूर्व जमा करना होगा।

(13) (क) प्रत्येक परिमाण विपत्र का मूल्य जो प्रत्येक निविदा के सामने उपर कण्डिका (1) में अंकित है (जो लौटाया नहीं जाएगा) कि भी राष्ट्रीयकृत बैंक द्वारा निर्गत एवं BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. के नाम से एवं पटना में भुगतये हो, स्वीकार किया जायेगा। मूल बैंक ड्राफ्ट "बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड" पटना के कार्यालय में दिनांक 04.07.2014 के 15:00 घंटे तक स्वयं/निबंधित डाक /स्पीड पोस्ट द्वारा निश्चित रूप से जमा किया जाना है। ऐसा नहीं करने पर निविदा मान्य नहीं होगा।

(ख) वांछित अग्रधन की राशि राष्ट्रीय बचत पत्र/डाकघर सावधि जमा 3 वर्षीय या 5 वर्षीय पासबुक जो बिहार राज्य से क्रय जमा किया हो, प्रबंध निदेशक, BSEIDC Ltd., पटना के नाम प्रतिज्ञित (Pledged) हो अथवा बिहार वित्त नियमावली के अनुसार BSEIDC Ltd. के नाम से पटना में भुगतये एकाउन्ट पेयी डिमाण्ड ड्राफ्ट, फिक्सड डिपोजिट रिसिप्ट, बैक्स चेक अथवा बैंक गारन्टी के बिड के मान्य अवधि तक के लिए बिहार अवस्थित किसी राष्ट्रीयकृत/अनुसूचित बैंक से निर्गत हो (अगर बिहार प्रान्त के बाहर के बैंक निर्गत बैंक गारन्टी दिया जाता है तो एकरारनामा के पूर्व इसे बिहार अवस्थित किसी बैंक से निर्गत किया जाना होगा) के रूप में प्रबंध निदेशक का कार्यालय, बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड, पटना में दिनांक 04.07.2014 के 15:00 घंटे तक स्वयं/निबंधित डाक /स्पीड पोस्ट द्वारा निश्चित रूप से जमा किया जाना आवश्यक है। ऐसा नहीं करने पर निविदा मान्य नहीं होगा।

(14) निविदाकारों द्वारा इस्तेमाल किये जा रहे इन्टरनेट सर्विस में किसी प्रकार का व्यवधान उत्पन्न होने पर कोई भी दावा मान्य नहीं होगा। निविदाकारों को सलाह दी जाती है कि अपने निविदा को समय रहते उपर्युक्त वेबसाइट पर अपलोड कर लें। ताकि अंतिम समय होनेवाले किसी प्रकार के व्यवधान से बच सकें।

(15) किसी भी प्रकार की जानकारी अथवा शुद्धि पत्र को वेबसाइट www.eproc.bihar.gov.in पर प्रकाशित किया जायेगा। बिना कारण बताये निविदा या उसके अंश को अस्वीकृत करने/रद्द करने का अधिकार सक्षम पदाधिकारी को सुरक्षित है।

(16) विशेष जानकारी हेतु अधोहस्ताक्षरी के कार्यालय में कार्य अवधि में सम्पर्क किया जा सकता है। ई-टेन्डरिंग की प्रक्रिया से संबंधित किसी भी प्रकार की जानकारी/सूचना हेतु सहायता कक्ष, ई-टेन्डरिंग कक्ष, प्रथम तल्ला, M/22, बैंक ऑफ इण्डिया भवन, रोड नं० 2 श्री कृष्णा नगर, पटना-800001, दूरभाष सं० 0612-2523006/9939035696.

मुख्य अभियंता

Handwritten signature

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BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION

SHIKHA BHAWAN, SAIDPUR, PATNA

BILL OF QUANTITIES FOR PROPOSED RENOVATION OF BUILDING,

AT S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA.

BASED ON SOR, BCD BIHAR - 11-08-2013 & D.S.R 2013

Sl. No.	SOR Item No.	Item of Work	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
		CIVIL WORKS (1% labour cess included				
1	15.2.1	Demolishing cement concrete including disposal of material within 50 metre lead: 1:3:6 or richer mix				
		i) MAIN SCHOOL BUILDING. = 107.118 cu.m				
		ii) 10+2 BUILDING. GET KEEPER = 26.042 cu.m				
		iii) BUILDING + SECURITY ROOM. QUARTER NO - 1 & 14 = 1.608 cu.m				
		iv) NEW. (9.416x 7) QUARTER NO - 3 & 4 = 65.912 cu.m				
		v) OLD. (8.973x 2) QUARTER NO - 5 = 17.946 cu.m				
		vi) OLD. QUARTER NO - 6 & 8 = 4.547 cu.m				
		vii) OLD. (2.753 x 3) QUARTER NO - 9 & 11 = 8.259 cu.m				
		viii) OLD. (2.753 x 3) = 8.259 cu.m	297.862	cu.m	458.70	
		ix) QUARTER NO - 12 OLD. = 2.375 cu.m				
		x) QUARTER NO - 15 OLD. = 1.921 cu.m				
		xi) PRINCIPAL RESIDENCE. = 10.540 cu.m				
		xii) ENTERTAINMENT BUILDING. = 2.257 cu.m				
		xiii) LIBRARY BUILDING. = 4.836 cu.m				
		xiv) SCIENCE BUILDING. = 31.367 cu.m				
		xv) SERVANT QUARTER. = 1.486 cu.m				
		xvi) VOCATIONAL BUILDING. = 3.389 cu.m				
		Total Quantity = 297.862 cu.m				

Rs. Four
eight and
only.

9-12

Chief Eng

2	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.				
		i) MAIN SCHOOL BUILDING. = 2617.506 sq.m				
		ii) 10+2 BUILDING. = 412.580 sq.m				
		GET KEEPER				
		iii) BUILDING + SECURITY ROOM. = 33.585 sq.m				
		QUARTER NO - 1				
		iv) & 14 NEW. (188.834x 7) = 1321.838 sq.m				
		QUARTER NO - 3				
		v) & 4 OLD. (218.739x 2) = 437.478 sq.m				
		vi) QUARTER NO - 5 OLD. = 103.927 sq.m				
		QUARTER NO - 6				
		vii) & 8 OLD. (93.78 x 3) = 281.340 sq.m				
		QUARTER NO - 9				
		viii) & 11 OLD. (93.78 x 3) = 281.340 sq.m				
		ix) QUARTER NO - 12 OLD. = 91.548 sq.m				
		x) QUARTER NO - 15 OLD. = 86.088 sq.m				
		xi) PRINCIPAL RESIDENCE. = 222.544 sq.m				
		xii) ENTERTAINMENT BUILDING. = 38.732 sq.m				
		xiii) LIBRARY BUILDING. = 152.850 sq.m				
		xiv) SCIENCE BUILDING. = 380.941 sq.m				
		xv) SERVANT QUARTER. = 34.672 sq.m				
		xvi) VOCATIONAL BUILDING. = 62.735 sq.m				
		Total Quantity = 6559.704 sq.m	6,559.704	sq.m	10.30	Rs. Ten a only.

3	4.5.3	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)				
		i) MAIN SCHOOL BUILDING. = 102.290 cu.m				
		ii) 10+2 BUILDING. = 24.722 cu.m				
		GET KEEPER				
		iii) BUILDING + SECURITY ROOM. = 1.608 cu.m				
		QUARTER NO - 1				
		iv) & 14 NEW. = 65.912 cu.m (9.416x 7)				
		QUARTER NO - 3				
		v) & 4 OLD. = 17.946 cu.m (8.973x 2)				
		vi) QUARTER NO - 5 OLD. = 4.547 cu.m				
		QUARTER NO - 6				
		vii) & 8 OLD. = 8.259 cu.m (2.753 x 3)	290.592	cu.m	3,270.00	Rs. Three hundred s
		QUARTER NO - 9				
		viii) & 11 OLD. = 8.259 cu.m (2.753 x 3)				
		ix) QUARTER NO - 12 OLD. = 2.375 cu.m				
		x) QUARTER NO - 15 OLD. = 1.921 cu.m				
		xi) PRINCIPAL RESIDENCE. = 10.540 cu.m				
		xii) ENTERTAINMENT BUILDING. = 2.257 cu.m				
		xiii) LIBRARY BUILDING. = 4.836 cu.m				
		xiv) SCIENCE BUILDING. = 30.245 cu.m				
		xv) SERVANT QUARTER. = 1.486 cu.m				
		xvi) VOCATIONAL BUILDING. = 3.389 cu.m				
		Total Quantity = 290.592 cu.m				

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Chief Engineer
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4	11.41.2	<p>Providing and laying vitrified floor tiles in different sizes {thickness to be specified by the manufactruer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc., complete.</p> <p>Size of Tile 60 X 60 cm</p> <p>i) MAIN SCHOOL BUILDING. = 2178.255 Sqm</p> <p>ii) 10+2 BUILDING. = 377.520 Sqm</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 38.192 Sqm</p> <p>iv) QUARTER NO - 1 & 14 NEW. (224.036x 7) = 1568.252 Sqm</p> <p>v) QUARTER NO - 3 & 4 OLD. (192.139x 2) = 384.278 Sqm</p> <p>vi) QUARTER NO - 5 OLD. = 78.349 Sqm</p> <p>vii) QUARTER NO - 6 & 8 OLD. (43.355 x 3) = 130.065 Sqm</p> <p>viii) QUARTER NO - 9 & 11 OLD. (43.355 x 3) = 130.065 Sqm</p> <p>ix) QUARTER NO - 12 OLD. = 32.626 Sqm</p> <p>x) QUARTER NO - 15 OLD. = 29.520 Sqm</p> <p>xi) PRINCIPAL RESIDENCE. = 148.750 Sqm</p> <p>xii) ENTERTAINMENT BUILDING. = 46.595 Sqm</p> <p>xiii) LIBRARY BUILDING. = 108.570 Sqm</p> <p>xiv) SCIENCE BUILDING. = 696.785 Sqm</p> <p>xv) SERVANT QUARTER. = 39.575 Sqm</p> <p>xvi) VOCATIONAL BUILDING. = 116.437 Sqm</p> <p>Total Quantity = 6103.834 Sqm</p>	6,103.834	Sqm	1,575.40	Rs. One thousand seven hundred and fifty paise forty
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5	11.42.7. 2	<p>Marble stone flooring with 18 mm thick marble stone (sample of marble shall be approved by Engineer-in-charge) over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with: Rajnagar plain white marble 18mm thick above 0.20 sqm upto 0.50 sqm</p> <p>i) MAIN SCHOOL BUILDING. = 670.760 Sqm</p> <p>ii) 10+2 BUILDING. = 217.960 Sqm</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 7.200 Sqm</p> <p>iv) QUARTER NO - 1 & 14 NEW. (30.23x 7) = 211.610 Sqm</p> <p>v) QUARTER NO - 3 & 4 OLD. (37x 2) = 74.000 Sqm</p> <p>vi) QUARTER NO - 5 OLD. = 38.080 Sqm</p> <p>vii) QUARTER NO - 6 & 8 OLD. (21.6 x 3) = 64.800 Sqm</p> <p>viii) QUARTER NO - 9 & 11 OLD. (21.6 x 3) = 64.800 Sqm</p> <p>ix) QUARTER NO - 12 OLD. = 25.410 Sqm</p> <p>x) QUARTER NO - 15 OLD. = 13.140 Sqm</p> <p>xi) PRINCIPAL RESIDENCE. = 119.300 Sqm</p> <p>xii) ENTERTAINMENT BUILDING. = 13.650 Sqm</p> <p>xiii) LIBRARY BUILDING. = 27.540 Sqm</p> <p>xiv) SCIENCE BUILDING. = 187.680 Sqm</p> <p>xv) SERVANT QUARTER. = 4.330 Sqm</p> <p>xvi) VOCATIONAL BUILDING. = 8.680 Sqm</p> <p>Total Quantity = 1748.940 Sqm</p>	1,748.940	Sqm	1,785.40	Rs. One thousand eight hundred and five paise forty
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6	8.3.1	<p>Extra for providing edge moulding to 18 mm thick marble stone counters, Vanities etc. over item no. 8.2 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer - in -charge.</p> <p>Marble work</p> <p>i) MAIN SCHOOL BUILDING. = 240.000 m</p> <p>ii) 10+2 BUILDING. = 114.400 m</p> <p>iii) SCIENCE BUILDING. = 96.000 m</p> <p>Total Quantity = 450.400 m</p>	450.400	m	130.60	Rs. One h and paise :
7	11.38	<p>Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown laid on 20mm thick bed of Cement Mortar 1:4 (1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc. complete.</p> <p>i) MAIN SCHOOL BUILDING. = 46.800 sq.m</p> <p>ii) 10+2 BUILDING. = 59.670 sq.m</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. QUARTER NO - 1 & 14 = 1.400 sq.m</p> <p>iv) NEW. (12.09x 7) QUARTER NO - 3 & 4 = 84.630 sq.m</p> <p>v) OLD. (19.42x 2) QUARTER NO - 5 = 38.840 sq.m</p> <p>vi) OLD. QUARTER NO - 6 & 8 = 5.830 sq.m</p> <p>vii) OLD. (9.98 x 3) QUARTER NO - 9 & 11 = 29.940 sq.m</p> <p>viii) OLD. (9.98 x 3) QUARTER NO - 12 = 29.940 sq.m</p> <p>ix) OLD. QUARTER NO - 15 = 5.400 sq.m</p> <p>x) OLD. PRINCIPAL RESIDENCE. = 9.810 sq.m</p> <p>xi) = 14.350 sq.m</p> <p>Total Quantity = 326.610 sq.m</p>	326.610	sq.m	922.00	Rs. Nine two only.

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8	11.36	<p>Providing and fixing 1st quality Ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades, except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting, risers of step and dados over 12mm thick bed of Cement Mortar 1:3 (1 cement : 3 Coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigments of matching</p> <p>i) MAIN SCHOOL BUILDING. = 636.137 sq.m</p> <p>ii) 10+2 BUILDING. = 262.050 sq.m</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 22.950 sq.m</p> <p>iv) QUARTER NO - 1 & 14 NEW. (55.98x 7) = 391.860 sq.m</p> <p>v) QUARTER NO - 3 & 4 OLD. (129.03x 2) = 258.060 sq.m</p> <p>vi) QUARTER NO - 5 OLD. = 126.360 sq.m</p> <p>vii) QUARTER NO - 6 & 8 OLD. (70.14 x 3) = 210.420 sq.m</p> <p>viii) QUARTER NO - 9 & 11 OLD. (70.14 x 3) = 210.420 sq.m</p> <p>ix) QUARTER NO - 12 OLD. = 67.940 sq.m</p> <p>x) QUARTER NO - 15 OLD. = 64.940 sq.m</p> <p>xi) PRINCIPAL RESIDENCE. = 149.430 sq.m</p> <p>xii) ENTERTAINMENT BUILDING. = 14.000 sq.m</p> <p>xiii) LIBRARY BUILDING. = 36.000 sq.m</p> <p>xiv) SCIENCE BUILDING. = 96.360 sq.m</p> <p>xv) SERVANT QUARTER. = 12.320 sq.m</p> <p>xvi) VOCATIONAL BUILDING. = 7.440 sq.m</p> <p>Total Quantity = 2566.687 sq.m</p>	2,566.687	sq.m	844.00	Rs. Eight four only.
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10	5.10.20 OLD SOR 2005	<p>Removal of old Tarfelt and disposal of debris with all leads etc. all complete job as per direction of E/I.</p> <p>i) MAIN SCHOOL BUILDING. = 1316.160 sq.m</p> <p>ii) 10+2 BUILDING. = 319.290 sq.m</p> <p>GET KEEPER</p> <p>iii) BUILDING + SECURITY ROOM. = 31.200 sq.m</p> <p>QUARTER NO - 1</p> <p>iv) & 14 NEW. (159.3x 7) = 1115.100 sq.m</p> <p>QUARTER NO - 3</p> <p>v) & 4 OLD. (118.26x 2) = 236.520 sq.m</p> <p>vi) QUARTER NO - 5 OLD. = 73.320 sq.m</p> <p>QUARTER NO - 6</p> <p>vii) & 8 OLD. (71.08 x 3) = 213.240 sq.m</p> <p>viii) QUARTER NO - 12 OLD. = 59.300 sq.m</p> <p>ix) QUARTER NO - 15 OLD. = 47.670 sq.m</p> <p>x) PRINCIPAL RESIDENCE. = 266.030 sq.m</p> <p>xi) ENTERTAINMENT BUILDING. = 56.410 sq.m</p> <p>xii) LIBRARY BUILDING. = 120.070 sq.m</p> <p>xiii) SCIENCE BUILDING. = 384.330 sq.m</p> <p>xiv) SERVANT QUARTER. = 37.140 sq.m</p> <p>xv) VOCATIONAL BUILDING. = 20.640 sq.m</p> <p align="right">Total Quantity = 4296.420 sq.m</p>	4,296.420	sq.m	17.10	Rs. Seven ten only.
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9	14.1.2	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under including cutting the patch in proper shape and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (1 cement:4 coarse sand)				
		i) MAIN SCHOOL BUILDING. = 3807.544 sq.m				
		ii) 10+2 BUILDING. GET KEEPER = 304.848 sq.m				
		iii) BUILDING + SECURITY ROOM. QUARTER NO - 1 & 14 = 136.202 sq.m				
		iv) NEW. (316.451 x 7) QUARTER NO - 3 & 4 = 2215.157 sq.m				
		v) OLD. (257.345 x 2) QUARTER NO - 5 = 514.690 sq.m				
		vi) OLD. QUARTER NO - 6 & 8 = 203.081 sq.m				
		vii) OLD. (334.014 x 3) QUARTER NO - 9 & 11 = 1002.042 sq.m				
		viii) OLD. (334.014 x 3) QUARTER NO - 12 = 1002.042 sq.m	12,940.271	sq.m	135.60	
		ix) OLD. QUARTER NO - 15 = 155.372 sq.m				
		x) OLD. PRINCIPAL RESIDENCE. DRAIN, SEPTIC TANK = 154.894 sq.m				
		xi) , MAIN SCHOOL BUILDING & SCIENCE BLOCK. ENTERTAINMENT BUILDING. = 744.529 sq.m				
		xii) LIBRARY BUILDING. = 359.758 sq.m				
		xiv) SCIENCE BUILDING. = 134.754 sq.m				
		xv) SERVANT QUARTER. = 846.508 sq.m				
		xvi) VOCATIONAL BUILDING. = 170.034 sq.m				
		xvii) REPAIR OF OLD BOUNDARY WALL OF ENTRE CAMPUS. = 71.415 sq.m				
		Total Quantity = 12940.271 sq.m				

Rs. One h
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11	12.52.2	Grading roof for water proofing treatment with Cement concrete 1:2:4(1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size)				
	i)	MAIN SCHOOL BUILDING.	=	32.904 cu.m		
	ii)	10+2 BUILDING.	=	7.982 cu.m		
	iii)	GET KEEPER BUILDING + SECURITY ROOM.	=	0.780 cu.m		
	iv)	QUARTER NO - 1 & 14 NEW. (3.983x 7)	=	27.881 cu.m		
	v)	QUARTER NO - 3 & 4 OLD. (2.957x 2)	=	5.914 cu.m		
	vi)	QUARTER NO - 5 OLD.	=	1.833 cu.m		
	vii)	QUARTER NO - 6 & 8 OLD. (1.777 x 3)	=	5.331 cu.m	107.416	
	viii)	QUARTER NO - 12 OLD.	=	1.483 cu.m	cu.m	
	ix)	QUARTER NO - 15 OLD.	=	1.192 cu.m		324.80
	x)	PRINCIPAL RESIDENCE.	=	6.651 cu.m		
	xi)	ENTERTAINMENT BUILDING.	=	1.410 cu.m		
	xii)	LIBRARY BUILDING.	=	3.002 cu.m		
	xiii)	SCIENCE BUILDING.	=	9.608 cu.m		
	xiv)	SERVANT QUARTER.	=	0.929 cu.m		
	xv)	VOCATIONAL BUILDING.	=	0.516 cu.m		
		Total Quantity	=	107.416 cu.m		
						Rs. Three four and p

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12	25.9.1	<p>Providing and laying in situ seven course water proofing treatment with APP (Atactic poly-propylene) modified Polymeric membrane over roof consisting of first coat of bitumen primer @ 0.40 JKg per sqm, 4th & 6th courses of bonding material @ 1.20 Kg/sqm, which shall consist of blown type bitumen of gade 85/25 conforming to IS : 702, 3rd and 5th layers of roofing membrane APP modified Polymeric membrane 1.5mm thick of 2.25 Kg/sqm weight consisting of five layers prefabricated with centre core as 20micron HMHDPE film 7th the top most layer shall be finished with brick tiles of class designation 100 grouted with cement mortar 1:3 (1cement 3 fine sand) mixed with 2% integral water proofing compound by weight of cement over a 12mm layer of cement mortar 1:3 (1 cement 3 fine sand) and finished neat which shall be paid for separately.</p>				
		<p>i) MAIN SCHOOL BUILDING. = 1579.392 sq.m</p> <p>ii) 10+2 BUILDING. GET KEEPER = 383.148 sq.m</p> <p>iii) BUILDING + SECURITY ROOM. QUARTER NO - 1 & 14 = 37.440 sq.m</p> <p>iv) NEW. (191.16x 7) QUARTER NO - 3 & 4 = 1338.120 sq.m</p> <p>v) OLD. (141.912x 2) QUARTER NO - 5 = 283.824 sq.m</p> <p>vi) OLD. QUARTER NO - 6 & 8 = 87.984 sq.m</p> <p>vii) OLD. (85.296 x 3) QUARTER NO - 12 = 255.888 sq.m</p> <p>viii) OLD. QUARTER NO - 15 = 71.160 sq.m</p> <p>ix) OLD. PRINCIPAL RESIDENCE. = 57.204 sq.m</p> <p>x) ENTERTAINMENT BUILDING. = 319.236 sq.m</p> <p>xi) LIBRARY BUILDING. = 67.692 sq.m</p> <p>xii) SCIENCE BUILDING. = 144.084 sq.m</p> <p>xiii) SERVANT QUARTER. = 461.196 sq.m</p> <p>xiv) VOCATIONAL BUILDING. = 44.568 sq.m</p> <p>xv) = 24.768 sq.m</p> <p>Total Quantity = 5155.704 sq.m</p>	5,155.704	sq.m	401.30	Rs. Four paise thirt

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13	13.80 D.S.R 2013	<p>Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Two coats</p> <p>i) MAIN SCHOOL BUILDING. = 9441.857 sqm</p> <p>ii) 10+2 BUILDING. = 3094.524 sqm</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 264.205 sqm</p> <p>iv) QUARTER NO - 1 & 14 NEW. (777.59x 7) = 5443.130 sqm</p> <p>v) QUARTER NO - 3 & 4 OLD. (552.61x 2) = 1105.220 sqm</p> <p>vi) QUARTER NO - 5 OLD. = 368.162 sqm</p> <p>vii) QUARTER NO - 6 & 8 OLD. (679.315 x 3) = 2037.945 sqm</p> <p>viii) QUARTER NO - 9 & 11 OLD. (679.315 x 3) = 2037.945 sqm</p> <p>ix) QUARTER NO - 12 OLD. = 285.530 sqm</p> <p>x) QUARTER NO - 15 OLD. = 265.735 sqm</p> <p>xi) PRINCIPAL RESIDENCE. = 1180.156 sqm</p> <p>xii) ENTERTAINMENT BUILDING. = 394.590 sqm</p> <p>xiii) LIBRARY BUILDING. = 586.740 sqm</p> <p>xiv) SCIENCE BUILDING. = 2297.790 sqm</p> <p>xv) SERVANT QUARTER. = 270.320 sqm</p> <p>xvi) VOCATIONAL BUILDING. = 333.465 sqm</p> <p>Total Quantity = 29407.314 sqm</p>	29,407.314	sqm	86.25	Rs. Eighty two five
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14	13.74	<p>Removing white or colour wash by scrapping and sand paper in and preparing the surface smooth including necessary repair scratches etc. complete</p> <p>i) MAIN SCHOOL BUILDING. = 12325.537 sq.m</p> <p>ii) 10+2 BUILDING. = 3687.084 sq.m</p> <p>GET KEEPER</p> <p>iii) BUILDING + SECURITY ROOM. = 350.205 sq.m</p> <p>QUARTER NO - 1</p> <p>iv) & 14 NEW. = 7040.124 sq.m (1005.732x 7)</p> <p>QUARTER NO - 3</p> <p>v) & 4 OLD. = 1105.220 sq.m (552.61x 2)</p> <p>QUARTER NO - 5</p> <p>vi) OLD. = 570.722 sq.m</p> <p>QUARTER NO - 6</p> <p>vii) & 8 OLD. = 2037.945 sq.m (679.315 x 3)</p> <p>QUARTER NO - 9</p> <p>viii) & 11 OLD. = 2718.345 sq.m (906.115 x 3)</p> <p>QUARTER NO - 12</p> <p>ix) OLD. = 454.370 sq.m</p> <p>QUARTER NO - 15</p> <p>x) OLD. = 453.175 sq.m</p> <p>PRINCIPAL RESIDENCE.</p> <p>xi) = 1666.523 sq.m</p> <p>ENTERTAINMENT BUILDING.</p> <p>xii) = 394.590 sq.m</p> <p>LIBRARY BUILDING.</p> <p>xiii) = 794.640 sq.m</p> <p>SCIENCE BUILDING.</p> <p>xiv) = 3050.590 sq.m</p> <p>SERVANT QUARTER.</p> <p>xv) = 423.860 sq.m</p> <p>VOCATIONAL BUILDING.</p> <p>xvi) = 467.025 sq.m</p> <p>Total Quantity = 37539.955 sq.m</p>	37,539.955	sq.m	3.80	Rs. Three eighty onl
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15	13.82B. 2	<p>Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work .</p> <p>i) MAIN SCHOOL BUILDING. = 2960.682 sq.m</p> <p>ii) 10+2 BUILDING. = 592.560 sq.m</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 86.000 sq.m</p> <p>iv) QUARTER NO - 1 & 14 NEW. (228.142x 7) = 1596.994 sq.m</p> <p>v) QUARTER NO - 3 & 4 OLD. (278.364x 2) = 556.728 sq.m</p> <p>vi) QUARTER NO - 5 OLD. = 202.560 sq.m</p> <p>vii) QUARTER NO - 6 & 8 OLD. (679.315 x 3) = 2037.945 sq.m</p> <p>viii) QUARTER NO - 9 & 11 OLD. (226.8 x 3) = 680.400 sq.m</p> <p>ix) QUARTER NO - 12 OLD. = 168.840 sq.m</p> <p>x) QUARTER NO - 15 OLD. = 187.440 sq.m</p> <p>xi) PRINCIPAL RESIDENCE. = 486.367 sq.m</p> <p>xii) ENTERTAINMENT BUILDING. = 394.590 sq.m</p> <p>xiii) LIBRARY BUILDING. = 207.900 sq.m</p> <p>xiv) SCIENCE BUILDING. = 752.800 sq.m</p> <p>xv) SERVANT QUARTER. = 153.540 sq.m</p> <p>xvi) VOCATIONAL BUILDING. = 133.560 sq.m</p> <p>Total Quantity = 11198.906 sq.m</p>	11,198.906	sq.m	95.10	Rs. Nine ten only.
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16	13.75	<p>Distempering with dry distemper of approved brand and manufacture (two or more coats) and of required shade on new work, over and including priming coat of whitening to give an even shade.</p> <p>i) MAIN SCHOOL BUILDING. = 9441.857 sq.m</p> <p>ii) 10+2 BUILDING. = 3094.524 sq.m</p> <p>GET KEEPER</p> <p>iii) BUILDING + SECURITY ROOM. = 264.205 sq.m</p> <p>QUARTER NO - 1</p> <p>iv) & 14 NEW. (777.59x 7) = 5443.130 sq.m</p> <p>QUARTER NO - 3</p> <p>v) & 4 OLD. (552.61x 2) = 1105.220 sq.m</p> <p>vi) QUARTER NO - 5 OLD. = 368.162 sq.m</p> <p>QUARTER NO - 6</p> <p>vii) & 8 OLD. (226.8 x 3) = 680.400 sq.m</p> <p>QUARTER NO - 9</p> <p>viii) & 11 OLD. (679.315 x 3) = 2037.945 sq.m</p> <p>ix) QUARTER NO - 12 OLD. = 285.530 sq.m</p> <p>x) QUARTER NO - 15 OLD. = 265.735 sq.m</p> <p>xi) PRINCIPAL RESIDENCE. = 916.636 sq.m</p> <p>xii) ENTERTAINMENT BUILDING. = 110.160 sq.m</p> <p>xiii) LIBRARY BUILDING. = 586.740 sq.m</p> <p>xiv) SCIENCE BUILDING. = 2297.790 sq.m</p> <p>xv) SERVANT QUARTER. = 270.320 sq.m</p> <p>xvi) VOCATIONAL BUILDING. = 333.465 sq.m</p> <p>Total Quantity = 27501.819 sq.m</p>	27,501.819	sq.m	36.20	Rs. Thirty twenty on
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17	13.82.3	<p>Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade: Old steel work (one or more coats)</p> <p>i) MAIN SCHOOL BUILDING. = 1007.520 sq.m</p> <p>ii) 10+2 BUILDING. = 184.545 sq.m</p> <p>GET KEEPER</p> <p>iii) BUILDING + SECURITY ROOM. = 22.170 sq.m</p> <p>QUARTER NO - 1</p> <p>iv) & 14 NEW. (17.01x 7) = 119.070 sq.m</p> <p>QUARTER NO - 3</p> <p>v) & 4 OLD. (15.21x 2) = 30.420 sq.m</p> <p>vi) QUARTER NO - 5 OLD. = 31.050 sq.m</p> <p>QUARTER NO - 6</p> <p>vii) & 8 OLD. (31.68 x 3) = 95.040 sq.m</p> <p>QUARTER NO - 9</p> <p>viii) & 11 OLD. (31.68 x 3) = 95.040 sq.m</p> <p>ix) QUARTER NO - 12 OLD. = 24.915 sq.m</p> <p>x) QUARTER NO - 15 OLD. = 13.110 sq.m</p> <p>xi) PRINCIPAL RESIDENCE. = 31.050 sq.m</p> <p>xii) ENTERTAINMENT BUILDING. = 5.940 sq.m</p> <p>xiii) LIBRARY BUILDING. = 16.200 sq.m</p> <p>xiv) SCIENCE BUILDING. = 295.500 sq.m</p> <p>xv) OLD BOUNDARY WALL = 40.125</p> <p>xvi) SERVANT QUARTER. = 9.450 sq.m</p> <p>xvii) VOCATIONAL BUILDING. = 52.230 sq.m</p> <p>Total Quantity = 2073.375 sq.m</p>	2,073.375	sq.m	35.10	Rs. Thirty ten only.
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Brom Pratap

9-12-2

18	13.82.4	<p>Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade Old wood work (one more coats)</p> <p>i) MAIN SCHOOL BUILDING. = 2073.320 sq.m</p> <p>ii) 10+2 BUILDING. = 175.390 sq.m</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 36.040 sq.m</p> <p>iv) QUARTER NO - 1 & 14 NEW. (229.66x 7) = 1607.620 sq.m</p> <p>v) QUARTER NO - 3 & 4 OLD. (145.82x 2) = 291.640 sq.m</p> <p>vi) QUARTER NO - 5 OLD. = 87.590 sq.m</p> <p>vii) QUARTER NO - 6 & 8 OLD. (73.22 x 3) = 219.660 sq.m</p> <p>viii) QUARTER NO - 9 & 11 OLD. (73.22 x 3) = 219.660 sq.m</p> <p>ix) QUARTER NO - 12 OLD. = 55.680 sq.m</p> <p>x) QUARTER NO - 15 OLD. = 72.250 sq.m</p> <p>xi) PRINCIPAL RESIDENCE. = 242.930 sq.m</p> <p>xii) ENTERTAINMENT BUILDING. = 20.090 sq.m</p> <p>xiii) LIBRARY BUILDING. = 29.115 sq.m</p> <p>xiv) SCIENCE BUILDING. = 525.310 sq.m</p> <p>xv) SERVANT QUARTER. = 36.040 sq.m</p> <p>Total Quantity = 5692.335 sq.m</p>	5,692.335	sq.m	35.10	Rs. Thirt ten only.
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Ambrab

9-12-20

19	9.1.3	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position Second Class teakwood-				
		i) MAIN SCHOOL BUILDING. = 0.801 cu.m				
		ii) 10+2 BUILDING. = 0.000 cu.m				
		GET KEEPER				
		iii) BUILDING + SECURITY ROOM. = 0.041 cu.m				
		QUARTER NO - 1				
		iv) & 14 NEW. = 1.925 cu.m (0.275x 7)				
		QUARTER NO - 3				
		v) & 4 OLD. = 0.476 cu.m (0.238x 2)				
		vi) QUARTER NO - 5 OLD. = 0.378 cu.m	6.127	cu.m	89,541.70	Rs. Eighty five hundred paise seven
		QUARTER NO - 6				
		vii) & 8 OLD. = 0.627 cu.m (0.209 x 3)				
		QUARTER NO - 9				
		viii) & 11 OLD. = 0.627 cu.m (0.209 x 3)				
		ix) QUARTER NO - 12 OLD. = 0.176 cu.m				
		x) QUARTER NO - 15 OLD. = 0.208 cu.m				
		xi) PRINCIPAL RESIDENCE. = 0.366 cu.m				
		xii) SCIENCE BUILDING. = 0.420 cu.m				
		xiii) SERVANT QUARTER. = 0.082 cu.m				
		Total Quantity = 6.127 cu.m				

Prom Pradap

9-12

20	14.2.1	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts embedding holdfasts in cement concrete blocks with cement concrete 1:3:6) 1 cement : 3 coarse sand : 6 grade stone aggregate 20 mm nominal size) painting two coats of coal tar to sides of chowkhats and making good the damages to walls and floors as required complete including disposal of rubbish to the dumping ground within 50 metres lead. Door chowkhats				
		i) MAIN SCHOOL BUILDING. = 15.000 each				
		ii) GET KEEPER BUILDING + SECURITY ROOM. = 1.000 each				
		iii) QUARTER NO - 1 & 14 NEW. (6x 7) = 42.000 each				
		iv) QUARTER NO - 3 & 4 OLD. (5x 2) = 10.000 each	133.000	each	391.90	Rs. Three one and p
		v) QUARTER NO - 5 OLD. = 9.000 each				
		vi) QUARTER NO - 6 & 8 OLD. (5 x 3) = 15.000 each				
		vii) QUARTER NO - 9 & 11 OLD. (5 x 3) = 15.000 each				
		viii) QUARTER NO - 12 OLD. = 4.000 each				
		ix) QUARTER NO - 15 OLD. = 5.000 each				
		x) PRINCIPAL RESIDENCE. = 8.000 each				
		xi) SCIENCE BUILDING. = 8.000 each				
		xii) SERVANT QUARTER. = 1.000 each				
		Total Quantity = 133.000 each				

from Pradap

9-12-2
Chief Engineer

21	14.34 D.S.R 13	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete				
		i) MAIN SCHOOL BUILDING. = 30.000 each				
		ii) 10+2 BUILDING. = 15.000 each				
		iii) GET KEEPER BUILDING + SECURITY ROOM. = 2.000 each				
		iv) QUARTER NO - 1 & 14 NEW. (12x 7) = 84.000 each				
		v) QUARTER NO - 3 & 4 OLD. (7x 2) = 14.000 each				
		vi) QUARTER NO - 5 OLD. = 5.000 each				
		vii) QUARTER NO - 6 & 8 OLD. (7 x 3) = 21.000 each	252.000	each	212.45	Rs. Two h and paise f
		viii) QUARTER NO - 9 & 11 OLD. (7 x 3) = 21.000 each				
		ix) QUARTER NO - 12 OLD. = 6.000 each				
		x) QUARTER NO - 15 OLD. = 4.000 each				
		xi) PRINCIPAL RESIDENCE. = 18.000 each				
		xii) SCIENCE BUILDING. = 30.000 each				
		xiii) SERVANT QUARTER. = 2.000 each				
		Total Quantity = 252.000 each				

Prem Pratab

Chief Engineer
B.S.E.I.D.C. Ltd, Pat

21/10/2019

22	2.37.1.1	<p>Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termites' treatment(including the cost of chemical emulsion) Along external wall where the apron is not provided using chemical emulsion @ 7.5 liters / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete: With chlorpyrifos/Lindane E.C. 20% with 1% concentration</p> <p>i) MAIN SCHOOL BUILDING. = 633.300 m</p> <p>ii) GET KEEPER BUILDING + SECURITY ROOM. = 17.200 m</p> <p>iii) QUARTER NO - 1 & 14 NEW. (69.306x 7) = 485.142 m</p> <p>iv) QUARTER NO - 3 & 4 OLD. (84.535x 2) = 169.070 m</p> <p>v) QUARTER NO - 5 OLD. = 60.500 m</p> <p>vi) QUARTER NO - 6 & 8 OLD. (59.2 x 3) = 177.600 m</p> <p>vii) QUARTER NO - 9 & 11 OLD. (59.2 x 3) = 177.600 m</p> <p>viii) QUARTER NO - 12 OLD. = 52.000 m</p> <p>ix) QUARTER NO - 15 OLD. = 75.000 m</p> <p>x) PRINCIPAL RESIDENCE. = 112.063 m</p> <p>xi) SCIENCE BUILDING. = 188.200 m</p> <p>xii) SERVANT QUARTER. = 15.000 m</p> <p>Total Quantity = 2162.675 m</p>	2,162.675	m	30.00	Rs. Third
23	15.13.1	<p>Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 meters lead.</p> <p>Of area 3 sqm and below</p>				

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		i) MAIN SCHOOL BUILDING. = 99.000 each ii) QUARTER NO - 1 & 14 NEW. (24x 7) = 168.000 each iii) QUARTER NO - 3 & 4 OLD. 6x 2) = 32.000 each iv) QUARTER NO - 5 OLD. = 4.000 each v) QUARTER NO - 6 & 8 OLD. (8 x 3) = 24.000 each vi) QUARTER NO - 9 & 11 OLD. (8 x 3) = 24.000 each vii) QUARTER NO - 12 OLD. = 8.000 each viii) QUARTER NO - 15 OLD. = 4.000 each ix) PRINCIPAL RESIDENCE. = 29.000 each x) SCIENCE BUILDING. = 40.000 each xi) SERVANT QUARTER. = 6.000 each Total Quantity = 438.000 each	438.000	each	28.00	Rs. Twenty
24	9.24.3	Providing and fixing flush door shutters decorative type core of block board construction with frame of 1st class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 30 mm thick including stainless steel butt hinges with necessary screws. i) MAIN SCHOOL BUILDING. = 54.000 sq.m ii) QUARTER NO - 1 & 14 NEW. (12x 7) = 84.000 sq.m iii) QUARTER NO - 3 & 4 OLD. (9.915x 2) = 19.830 sq.m iv) QUARTER NO - 5 OLD. = 8.955 sq.m v) QUARTER NO - 6 & 8 OLD. (4.635 x 3) = 13.905 sq.m vi) QUARTER NO - 9 & 11 OLD. (4.635 x 3) = 13.905 sq.m vii) QUARTER NO - 12 OLD. = 4.950 sq.m viii) QUARTER NO - 15 OLD. = 6.705 sq.m ix) PRINCIPAL RESIDENCE. = 15.720 sq.m x) SCIENCE BUILDING. = 21.120 sq.m xi) SERVANT QUARTER. = 3.990 sq.m Total Quantity = 247.080 sq.m	247.080	sq.m	2,148.90	Rs. Two thousand four hundred and eight paise nine

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25	13.82.1	<p>Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade: New steel work (two or more coats)</p> <p>i) QUARTER NO - 3 & 4 = 63.360 sqm OLD. (31.68x 2)</p> <p>ii) PRINCIPAL RESIDENCE. = 103.610 sqm</p> <p>Total Quantity = 166.970 sqm</p>	166.970	sqm	55.20	Rs. Fifty twenty on
26	10.5	<p>Providing and fixing in position collapsible steel shutters with vertical channes 20x10x2 mm and braced with flat iron diagonals 20x5 mm size with top and bottom rail of T-tron 40x40x6 mm with 40 mm dia steel pulleys complete with bots.nuts locking arrangement stoppers handies including applying a priming coat of approved steel primer.</p> <p>i) 10+2 BUILDING. = 6.720 sqm</p> <p>ii) QUARTER NO - 3 & 4 = 42.240 sqm OLD. (21.12x 2)</p> <p>iii) PRINCIPAL RESIDENCE. = 8.480 sqm</p> <p>Total Quantity = 57.440 sqm</p>	57.440	sqm	3,634.00	Rs. Three hundred th
27	9.82.1	<p>Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc.all complete Fixed to steel windows by welding</p> <p>i) 10+2 BUILDING. = 1529.220 KG</p> <p>ii) PRINCIPAL RESIDENCE. = 3070.796 KG</p> <p>Total Quantity = 4600.016 KG</p>	4,600.016	KG	83.90	Rs. Eight ninety onl
28	6.1.14A	<p>Brick work with bricks of class designation 100A above plinth in cement mortar 1:6 (1cement : 6corase sand) Extra for brick in superstructure above plinth level up to floor V cum</p> <p>GET KEEPER</p> <p>i) BUILDING + SECURITY ROOM. = 0.540 cu.m</p> <p>ii) QUARTER NO - 1 & 14 NEW. (0x 7) = 0.000 cu.m</p> <p>iii) SCIENCE BUILDING. = 1.766 cu.m</p> <p>iv) DRAINS FOR QUARTER AREA. = 187.922 cu.m</p> <p>v) REPAIR OF OLD BOUNDARY WALL OF ENTRE CAMPUS. = 64.905 cu.m</p> <p>vi) DRAIN FOR PLAYGROUND. BOUNDARY WALL = 222.062 cu.m</p> <p>vii) OF MAIN SCHOOL BUILDING. = 23.400 cu.m</p> <p>Total Quantity = 500.595 cu.m</p>	500.595	cu.m	3,713.50	Rs. Three hundred th fifty only.

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29	15.12.1	Desmantiling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrage, holdfasts etc. complete and stacking within 50 metres lead: Of area 3 sqm and below i) QUARTER NO - 5 OLD. = 5.000 each ii) QUARTER NO - 6 & 8 OLD. (13 x 3) = 39.000 each iii) QUARTER NO - 9 & 11 OLD. (10 x 3) = 30.000 each iv) QUARTER NO - 15 OLD. = 5.000 each Total Quantity = 79.000 each	79.000	each	72.00	Rs. Seven
30	9.6.3.4	Providing and fixing glazed shutters for doors, windows and clerestory windows using 10 kg/square meter {4 mm thick} glass panes including black enamelled M.S. butt hinges with necessary screws. i) QUARTER NO - 5 OLD. = 5.220 Sqm. ii) QUARTER NO - 6 & 8 OLD. (7.47 x 3) = 22.410 Sqm. iii) QUARTER NO - 9 & 11 OLD. (5.67 x 3) = 17.010 Sqm. iv) QUARTER NO - 15 OLD. = 5.220 Sqm. Total Quantity = 49.860 Sqm.	49.860	Sqm.	2,999.90	Rs. Two t hundred n paise nine
31	13.24.1	6 mm cement plaster to ceiling of mix : 1:3(1 cement: 3 coarse sand) i) MAIN SCHOOL BUILDING. = 1297.656 sq.m ii) 10+2 BUILDING. = 63.860 sq.m iii) GET KEEPER BUILDING + SECURITY ROOM. = 3.120 sq.m iv) QUARTER NO - 1 & 14 NEW. (31.514x 7) = 220.598 sq.m v) QUARTER NO - 3 & 4 OLD. (23.604x 2) = 47.208 sq.m vi) QUARTER NO - 5 OLD. = 22.732 sq.m vii) QUARTER NO - 6 & 8 OLD. (71.08 x 3) = 213.240 sq.m viii) QUARTER NO - 9 & 11 OLD. (71.08 x 3) = 213.240 sq.m ix) QUARTER NO - 12 OLD. = 13.188 sq.m x) QUARTER NO - 15 OLD. = 13.188 sq.m xi) PRINCIPAL RESIDENCE. = 52.704 sq.m xii) ENTERTAINMENT BUILDING. = 5.642 sq.m xiii) LIBRARY BUILDING. = 120.870 sq.m xiv) SCIENCE BUILDING. = 74.612 sq.m xv) SERVANT QUARTER. = 7.432 sq.m xvi) VOCATIONAL BUILDING. = 8.000 sq.m Total Quantity = 2377.290 sq.m	2,377.290	sq.m	74.00	Rs. Seven

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32	15.7.4	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead. In cement mortar. QUARTER NO - 9 i) & 11 OLD. = 12.159 cum (4.053 x 3) DISMANTLING OF BUILDINGS. (CANTEEN, MT ROOM, DRILL SHADE = 486.678 cum 2NOS, ENGLISH INSTITUTE & SERVENT ROOM 2 NOS.) Total Quantity = 498.837 cum	498.837	cum	388.10	Rs. Three eight and p
33	6.1.14A + 6.3A	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead. In cement mortar. QUARTER NO - 9 i) & 11 OLD. = 12.159 cum (4.053 x 3) Total Quantity = 12.159 cum	12.159	cum	4,092.30	Rs. Four two and p
34	15.3	Demolishing R.C.C work including stacking of steel bars and disposal of unserviceable material withing 50 meters lead. QUARTER NO - 9 i) & 11 OLD. = 31.986 cum (10.662 x 3) DISMANTLING OF BUILDINGS. (CANTEEN, MT ROOM, DRILL SHADE = 147.018 cum 2NOS, ENGLISH INSTITUTE & SERVENT ROOM 2 NOS.) BOUNDARY WALL OF iii) MAIN SCHOOL = 4.809 cum BUILDING. Total Quantity = 183.813 cum	183.813	cum	669.20	Rs. Six h nine and p only.

Prom Prastap

9-12-77
Chief Engineer
B.S.E.I.D.C. Ltd, P

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- 33 -

35	5.3 + 5.44.4 + 5.44.1	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases upto floor five level excluding the cost of centring, shuttering, finishing & reinforcement - all work upto plinth level. 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size) (Extra for Providing M-20 grade RCC instead of M-15 grade RCC) (Extra for Providing M-25 grade R.C.C instead of M-20 grade R.C.C) QUARTER NO - 9 i) & 11 OLD. = 26.655 cum (8.885 x 3) Total Quantity = 26.655 cum	26.655	cum	4,328.22	Rs. Four hundred two paise two
	5.29	Reinforcement for RCC work including straightening, cutting, bending, placing in position and bonding all complete.				
36	5.29.7A	TMTC-500 8mm dia QUARTER NO - 9 i) & 11 OLD. = 2091.000 Kg. (697 x 3) ii) DRAIN FOR PLAYGROUND. = 8280.000 Kg. BOUNDARY iii) WALL OF MAIN SCHOOL BUILDING. = 2020.000 Kg. Total Quantity = 12391.000 Kg.	12,391.000	Kg.	67.00	Rs. Sixty
37	5.29.7B	TMTC-500 10 mm dia BOUNDARY i) WALL OF MAIN SCHOOL BUILDING. = 1450.000 Kg. Total Quantity = 1450.000 Kg.	1,450.000	Kg.	65.70	Rs. Sixty seven only
38	5.29.7C	TMTC-500 12 mm dia BOUNDARY i) WALL OF MAIN SCHOOL BUILDING. = 1485.000 Kg. Total Quantity = 1485.000 Kg.	1,485.000	Kg.	65.10	Rs. Sixty ten only.

Prem Prakash

Chief Engineer
9-12

39	5.14.1	<p>Centring and shuttering including strutting, propping etc. and removal of form for foundation, footings, bases of columns etc. for mass concrete.</p> <p>BOUNDARY WALL OF MAIN SCHOOL BUILDING.</p> <p>i) = 9.720 sq.m.</p> <p>Total Quantity = 9.720 sq.m.</p>	9.720	sq.m.	137.78	Rs. One hundred seven and eight only
40	5.14.5	<p>Centring and shuttering including strutting, propping etc. and removal of form for lintel, beams, plinth beams, girders, bressumers and cantilevers.</p> <p>BOUNDARY WALL OF MAIN SCHOOL BUILDING.</p> <p>i) = 25.160 sq.m.</p> <p>Total Quantity = 25.160 sq.m.</p>	25.160	sq.m.	195.60	Rs. One hundred five and paise
41	5.14.6	<p>Centring and shuttering including strutting, propping etc. and removal of form for columns, pillars, piers, abutments, posts and struts</p> <p>BOUNDARY WALL OF MAIN SCHOOL BUILDING.</p> <p>i) = 109.350 sq.m.</p> <p>Total Quantity = 109.350 sq.m.</p>	109.350	sq.m.	283.30	Rs. Two hundred three and paise
42	5.14.3	<p>Centring and shuttering including strutting, propping etc. and removal of form for suspended floors, roofs, landings, balconies and access platform.</p> <p>QUARTER NO - 9 & 11 OLD. (71.08 x 3)</p> <p>i) = 213.240 sq.m.</p> <p>Total Quantity = 213.240 sq.m.</p>	213.240	sq.m.	229.80	Rs. Two hundred nine and paise
43	4.5.8	<p>Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- all work upto plinth level. 1:4:8 (1cement: 4 coarse sand : 8 graded stone aggregate 40mm nominal size)</p> <p>P.C.C (1:2:4) In bed of drain</p> <p>DRAIN , SEPTIC TANK , MAIN SCHOOL BUILDING & SCIENCE BLOCK.</p> <p>i) = 3.468 cum</p> <p>ii) DRAINS FOR QUARTER AREA. = 66.580 cum</p> <p>iii) DRAIN FOR PLAYGROUND. BOUNDARY WALL OF MAIN SCHOOL BUILDING. = 52.740 cum</p> <p>iv) = 2.920 cum</p> <p>Total Quantity = 125.708 cum</p>	125.708	cum	2,245.10	Rs. Two hundred four paise ten
44	13.26	Neat cement punning				

Pratap

9-12-20

		DRAIN , SEPTIC TANK , MAIN i) SCHOOL = 359.758 sq.m. BUILDING & SCIENCE BLOCK. ii) DRAINS FOR QUARTER AREA. = 1513.016 sq.m. iii) DRAIN FOR PLAYGROUND. = 1591.447 sq.m. Total Quantity = 3464.221 sq.m.	3,464.221	sq.m.	25.90	Rs. Twenty ninety only
45	2.34.1	Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable material and disposal of unserviceable material: Beyond 30cm girth upto and including 60 cm girth i) SCIENCE BUILDING. = 2.000 tree Total Quantity = 2.000 tree	2.000	tree	100.50	Rs. One h paise fifty c
46	2.8.1	Earthwork in excavation in areas(exceeding 30cm in depth, 1.5m in width as well es 10sqm on plan) including dressing of sides and ramming of bottom, lift upto 1.5 including getting out the excavated soil and disposal of surplus soil as directed within a lead of 50m. All Kind of soil i) DRAINS FOR QUARTER AREA. = 575.499 cum ii) DRAIN FOR PLAYGROUND. = 799.425 cum BOUNDARY WALL OF iii) MAIN SCHOOL = 77.760 cum BUILDING. Total Quantity = 1452.684 cum	1,452.684	cum	178.40	Rs. One h eight and p
47	2.26	Filling available excavated earth (excluding rock) in trenches and plinth side of foundation etc. in layers not exceeding 20cm. thick in depth consolidating each deposited layer by ramming and watering lead. i) DRAINS FOR QUARTER AREA. = 375.760 cum ii) DRAIN FOR PLAYGROUND. = 613.450 cum BOUNDARY WALL OF iii) MAIN SCHOOL = 60.470 cum BUILDING. Total Quantity = 1049.680 cum	1,049.680	cum	57.80	Rs. Fifty s eighty only

48	2.28	<p>Supplying and filling in plinth with local sand and under floots including watering, ramming consolidating and dressing complete.</p> <p>i) DRAINS FOR QUARTER AREA. = 66.580 cum</p> <p>ii) DRAIN FOR PLAYGROUND. BOUNDARY WALL OF MAIN SCHOOL BUILDING. = 66.619 cum</p> <p>iii) = 2.920 cum</p> <p>Total Quantity = 136.119 cum</p>	136.119	cum	186.30	Rs. One h six and pai
49	11.72	<p>Providing designation 100A one brick flat soling joints filled with local sand including cost of watering texes royalty all complete as per building specification and direction of E/I.</p> <p>i) DRAINS FOR QUARTER AREA. = 887.741 sq.m.</p> <p>ii) DRAIN FOR PLAYGROUND. BOUNDARY WALL OF MAIN SCHOOL BUILDING. = 888.250 sq.m.</p> <p>iii) = 38.880 sq.m.</p> <p>Total Quantity = 1814.871 sq.m.</p>	1,814.871	sq.m.	212.90	Rs. Two h and paise n
50	11.4.2	<p>Cement concrete flooring 1:2:4(1 cement:2 coarse:sand:4 graded stone agregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete.</p> <p>40 mm thick with 20 mm nominal size stone aggregate</p> <p>i) DRAINS FOR QUARTER AREA. = 1513.016 cum</p> <p>ii) DRAIN FOR PLAYGROUND. = 1591.447 cum</p> <p>Total Quantity = 3104.463 cum</p>	3,104.463	cum	207.60	Rs. Two h and paise s
51	15.28.2	<p>Dismantling roofing including ridges, hips valleys and gutters etc. and stacking the material within 50 metres lead of:</p> <p>DISMANTILING OF BUILDINGS. (CANTEEN, MT ROOM, DRILL SHADE 2NOS, ENGLISH INSTITUTE & SERVENT ROOM 2 NOS.)</p> <p>i) = 31.200 sq.m.</p> <p>Total Quantity = 31.200 sq.m.</p>	31.200	sq.m.	15.00	Rs. Fifteen

52	13.13.4	20mm thick Cement plaster of mix 1:6 (1 cement : 6 coarse sand) REPAIR OF OLD BOUNDARY i) WALL OF ENTRE CAMPUS. = 519.242 sq.m. BOUNDARY ii) WALL OF MAIN SCHOOL = 219.600 sq.m. BUILDING. Total Quantity = 738.842 sq.m.	738.842	sq.m.	110.00	Rs. One h only.
53	13.70.2	White washing with lime to give an ever shade Old work(two or more coats) REPAIR OF OLD i) BOUNDARY WALL OF = 5192.415 sq.m. ENTRE CAMPUS. Total Quantity = 5192.415 sq.m.	5,192.415	sq.m.	5.40	Rs. Five a only.
54	5.1.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing & reinforcement - all work upto plinth level. 1:1:2 (1cement: 1 coarse sand : graded stone aggregate 20mm nominal size) BOUNDARY WALL OF i) MAIN SCHOOL = 8.530 cum BUILDING. Total Quantity = 8.530 cum	8.530	cum	5,145.40	Rs. Five t hundred fo paise forty
55	5.1.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing & reinforcement - all work upto plinth level. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size) i) DRAIN FOR = 105.480 cum PLAYGROUND. Total Quantity = 105.480 cum	105.480	cum	3,851.00	Rs. Three hundred fi
56	5.2.1	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and struts etc upto floor five level excluding the cost of centring, shuttering, finishing & reinforcement - all work upto plinth level. 1:1:2 (1cement: 1 coarse sand : 2 graded stone aggregate 20mm nominal size) BOUNDARY WALL OF i) MAIN SCHOOL = 7.480 cum BUILDING. Total Quantity = 7.480 cum	7.480	cum	5,567.10	Rs. Five t hundred si paise ten o

Pratap

57	15.8.4	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead: In cement mortar BOUNDARY WALL OF i) MAIN SCHOOL = 27.450 cum BUILDING. Total Quantity = 27.450 cum	27.450	cum	388.10	Rs. Three eight and
58	13.73.1	Colour washing such as green, blue or buff to give an even shade New work (two or more coats) with a base coat of white washing BOUNDARY WALL OF i) MAIN SCHOOL = 219.600 sq.m. BUILDING. Total Quantity = 219.600 sq.m.	219.600	sq.m.	12.10	Rs. Twelve only.
59	2.3.1	Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering .rolling each layer with 1/2 tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up ; in embankments for roads, flood banks, marginal banks, and guide banks etc . lead upto 50 m and lift upto 1.5 m. All kinds of soil. i) PLAY GROUND = 10205.280 cum EARTH FILLING Total Quantity = 10205.280 cum	10,205.280	cum	125.50	Rs. One five and p
TOTAL COST OF CIVIL WORKS (A)=						
		CARRIAGE (1% labour cess included)				
60		Cement Total Quantity =49.610+6.827+1.159+27.503+6.958+2.198+6	262.917	MT.	199.48	Rs. One nine and only.
61		Coarse Sand Total Quantity =154.859+17.315+4.194+85.848+21.150+7.18	742.502	cum	678.24	Rs. Six eight and four only
62		Local Sand Total Quantity	172.417	cum	192.30	Rs. One two and p
63		Stone Chips Total Quantity =99.913+23.239+1.512+61.957+16.870+4.274	522.245	cum	1,258.06	Rs. One hundred t paise six
64		Brick Total Quantity =4+6+4+4+1+121+32+138+15	325.000	Thous.	562.93	Rs. Five two and p only.

Pratap

[Signature]

65		Steel Total Quantity =2.091+8.280+4.955	15.326	MT.	199.48	Rs. One h nine and p only.
66		ADD EXTRA COST OF MATERIAL FOR PATNA COMM. W.R.T GAYA AS PER SOR BCD Bricks Total Quantity =4+6+4+4+1+121+32+138+15	325.000	MT.	1,385.44	Rs. One t hundred e paise forty
67		ADD EXTRA COST OF MATERIAL FOR PATNA COMM. W.R.T GAYA AS PER SOR BCD Cement Total Quantity =49.610+6.827+1.159+27.503+6.958+2.198+6.546+19.431+1.429+1.326+8.910+4.165+0.840+2.062+11.706+1.299+1.201+23.158+12.812+ 65.148+8.629	262.917	MT.	841.08	Rs. Eight one and p
TOTAL COST OF CARRIAGE (B)=						
		INTERNAL ELECTRICAL WORKS (1% labour cess included)				
68	1.8.3	Wiring for light point /fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc. as required. Group C i) MAIN SCHOOL BUILDING. = 450 Nos. ii) 10+2 BUILDING. = 150 Nos. iii) GET KEEPER BUILDING + SECURITY ROOM. = 25 Nos. iv) QUARTER NO - 1 & 14 NEW. (50x 7) = 350 Nos. v) QUARTER NO - 3 & 4 OLD. (15x 2) = 30 Nos. vi) QUARTER NO - 5 OLD. = 15 Nos. vii) QUARTER NO - 6 - 8 OLD. (25 x 3) = 75 Nos. viii) QUARTER NO - 9 - 11 OLD. (25 x 3) = 75 Nos. ix) QUARTER NO - 12 OLD. = 25 Nos. x) QUARTER NO - 15 OLD. = 20 Nos. xi) PRINCIPAL RESIDENCE. = 100 Nos. xii) ENTERTAINMENT BUILDING. = 15 Nos. xiii) LIBRARY BUILDING. = 15 Nos. xiv) SCIENCE BUILDING. = 100 Nos. xv) SERVANT QUARTER. = 20 Nos. xvi) VOCATIONAL BUILDING. = 8 Nos. Total Quantity = 1473 Nos.	1,473	Nos.	688.82	Rs. Six h eight and only.

Pratap

69	6.3.1 B.S.R 2009	Supplying and fixing mounting rail / box type flourrescent fittings of all types,complete with all accessories etc and lamp ,driectly on ceiling / wall , including connection with 1.5 sq.mm FR PVC insulated copper conduction single core cable and earthing etc.as requerd.				
		i) MAIN SCHOOL BUILDING. = 80 Nos.				
		ii) 10+2 BUILDING. = 40 Nos.				
		GET KEEPER				
		iii) BUILDING + SECURITY ROOM. = 12 Nos.				
		QUARTER NO - 1				
		iv) & 14 NEW. (30x 7) = 210 Nos.				
		QUARTER NO - 3				
		v) & 4 OLD. (4x 2) = 8 Nos.				
		vi) QUARTER NO - 5 OLD. = 6 Nos.				
		QUARTER NO - 6 -				
		vii) 8 OLD. (8 x 3) = 24 Nos.	512	Nos.	491.00	Rs. Four one only.
		QUARTER NO - 9 -				
		viii) 11 OLD. (8 x 3) = 24 Nos.				
		ix) QUARTER NO - 12 OLD. = 10 Nos.				
		x) QUARTER NO - 15 OLD. = 5 Nos.				
		xi) PRINCIPAL RESIDENCE. = 35 Nos.				
		xii) ENTERTAINMENT BUILDING. = 5 Nos.				
		xiii) LIBRARY BUILDING. = 5 Nos.				
		xiv) SCIENCE BUILDING. = 40 Nos.				
		xv) SERVANT QUARTER. = 5 Nos.				
		xvi) VOCATIONAL BUILDING. = 3 Nos.				
		Total Quantity = 512 Nos.				

Pratap

70	6.10 B.S.R 2009	Supplying and fixing of following types lamp in existing electrical fitting fixtures etc.as required. 18 watt CFL lamp.				
		i) MAIN SCHOOL BUILDING. = 90 Nos.				
		ii) 10+2 BUILDING. = 30 Nos.				
		iii) GET KEEPER BUILDING + SECURITY ROOM. = 8 Nos.				
		iv) QUARTER NO - 1 & 14 NEW. (20x 7) = 140 Nos.				
		v) QUARTER NO - 3 & 4 OLD. (8x 2) = 16 Nos.				
		vi) QUARTER NO - 5 OLD. = 8 Nos.				
		vii) QUARTER NO - 6 - 8 OLD. (12 x 3) = 36 Nos.	457	Nos.	173.00	Rs. One h three only
		viii) QUARTER NO - 9 - 11 OLD. (12 x 3) = 36 Nos.				
		ix) QUARTER NO - 12 OLD. = 8 Nos.				
		x) QUARTER NO - 15 OLD. = 8 Nos.				
		xi) PRINCIPAL RESIDENCE. = 25 Nos.				
		xii) ENTERTAINMENT BUILDING. = 6 Nos.				
		xiii) LIBRARY BUILDING. = 6 Nos.				
		xiv) SCIENCE BUILDING. = 30 Nos.				
		xv) SERVANT QUARTER. = 8 Nos.				
		xvi) VOCATIONAL BUILDING. = 2 Nos.				
		Total Quantity = 457 Nos.				

Prom Pratap

9-12-
Chief Engineer
B.S.E.I.D.C. Ltd,

24/02

71	1.11	Wiring for twin control light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI. Box and earthing the point with 1.5 sq. mm. FR PVC insulated copper conductor single core cable etc as required.				
		i) MAIN SCHOOL BUILDING. = 8 Point ii) 10+2 BUILDING. GET KEEPER = 4 Point iii) BUILDING + SECURITY ROOM. = 8 Point iv) QUARTER NO - 3 - 4 OLD. (1x 2) = 2 Point v) SCINCE BUILDING- = 4 vi) QUARTER NO - 6 - 8 OLD. (2 x 3) = 6 Point Total Quantity = 32 Point	32	Point	789.82	Rs. Seven nine and p only.
72	1.12	Wiring for light/ power plug with 2x4 sq.mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.				
		i) MAIN SCHOOL BUILDING. = 2000 mtr. ii) 10+2 BUILDING. = 150 mtr. iii) GET KEEPER BUILDING + SECURITY ROOM. = 325 mtr. iv) QUARTER NO - 1 & 14 NEW. (100x 7) = 700 mtr. v) QUARTER NO - 3 & 4 OLD. (125x 2) = 250 mtr. vi) QUARTER NO - 5 OLD. = 100 mtr. vii) QUARTER NO - 6 - 8 OLD. (125 x 3) = 375 mtr. viii) QUARTER NO - 9 - 11 OLD. (125 x 3) = 375 mtr. ix) QUARTER NO - 12 OLD. = 80 mtr. x) QUARTER NO - 15 OLD. = 80 mtr. xi) PRINCIPAL RESIDENCE. = 150 mtr. xii) ENTERTAINMENT BUILDING. = 30 mtr. xiii) LIBRARY BUILDING. = 80 mtr. xiv) SCIENCE BUILDING. = 300 mtr. xv) SERVANT QUARTER. = 80 mtr. xvi) VOCATIONAL BUILDING. = 50 mtr. Total Quantity = 5125 mtr.	5,125	mtr.	172.71	Rs. One h two and p only.

Pradeep

Pradeep

73	1.14.2	<p>Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required.</p> <p>2 x 2.5 sq.mm + 1 x 2.5 sq. mm earth wire</p> <p>i) MAIN SCHOOL BUILDING. = 400 mtr.</p> <p>ii) 10+2 BUILDING. = 200 mtr.</p> <p>GET KEEPER</p> <p>iii) BUILDING + SECURITY ROOM. = 300 mtr.</p> <p>QUARTER NO - 1</p> <p>iv) & 14 NEW. (200x 7) = 1400 mtr.</p> <p>QUARTER NO - 3</p> <p>v) & 4 OLD. (250x 2) = 500 mtr.</p> <p>vi) QUARTER NO - 5 OLD. = 150 mtr.</p> <p>QUARTER NO - 6 -</p> <p>vii) 8 OLD. (200 x 3) = 600 mtr.</p> <p>QUARTER NO - 9 -</p> <p>viii) 11 OLD. (200 x 3) = 600 mtr.</p> <p>ix) QUARTER NO - 12 OLD. = 125 mtr.</p> <p>x) QUARTER NO - 15 OLD. = 150 mtr.</p> <p>xi) PRINCIPAL RESIDENCE. = 250 mtr.</p> <p>xii) ENTERTAINMENT BUILDING. = 30 mtr.</p> <p>xiii) LIBRARY BUILDING. = 125 mtr.</p> <p>xiv) SCIENCE BUILDING. = 300 mtr.</p> <p>xv) SERVANT QUARTER. = 125 mtr.</p> <p>xvi) VOCATIONAL BUILDING. = 50 mtr.</p> <p>Total Quantity = 5305 mtr.</p>	5,305	mtr.	141.40	Rs. One h one and p
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Prem Prakash

9-12

74	1.18.1	Supplying and drawing following pair 0.5 sq.mm. FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 1 Pair				
		i) MAIN SCHOOL BUILDING. = 195 mtr.				
		ii) 10+2 BUILDING. = 95 mtr.				
		GET KEEPER				
		iii) BUILDING + SECURITY ROOM. = 195 mtr.				
		QUARTER NO - 1				
		iv) & 14 NEW. (195x 7) = 1365 mtr.				
		QUARTER NO - 3				
		v) & 4 OLD. (75x 2) = 150 mtr.				
		vi) QUARTER NO - 5 OLD. = 50 mtr.				
		QUARTER NO - 6 -				
		vii) 8 OLD. (55 x 3) = 165 mtr.	2,631	mtr.	12.12	Rs. Twelve twelve only
		QUARTER NO - 9 -				
		viii) 11 OLD. (20 x 3) = 60 mtr.				
		ix) QUARTER NO - 12 OLD. = 25 mtr.				
		x) QUARTER NO - 15 OLD. = 20 mtr.				
		xi) PRINCIPAL RESIDENCE. = 30 mtr.				
		xii) ENTERTAINMENT BUILDING. = 30 mtr.				
		xiii) LIBRARY BUILDING. = 20 mtr.				
		xiv) SCIENCE BUILDING. = 195 mtr.				
		xv) SERVANT QUARTER. = 20 mtr.				
		xvi) VOCATIONAL BUILDING. = 16 mtr.				
		Total Quantity = 2631 mtr.				

From Pralap

9-12-2
Chief Engineer

75	1.19	<p>Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface / recessed steel / PVC conduit as required.</p> <p>i) MAIN SCHOOL BUILDING. = 225 mtr.</p> <p>ii) QUARTER NO - 1 & 14 NEW. 225x 7) = 1575 mtr.</p> <p>iii) QUARTER NO - 3 & 4 OLD. (25x 2) = 50 mtr.</p> <p>iv) QUARTER NO - 5 OLD. = 25 mtr.</p> <p>v) QUARTER NO - 9 - 11 OLD. (25 x 3) = 75 mtr.</p> <p>vi) QUARTER NO - 12 OLD. = 15 mtr.</p> <p>vii) QUARTER NO - 15 OLD. = 25 mtr.</p> <p>viii) PRINCIPAL RESIDENCE. = 100 mtr.</p> <p>ix) SCIENCE BUILDING. = 225 mtr.</p> <p>x) SERVANT QUARTER. = 25 mtr.</p> <p>Total Quantity = 2340 mtr.</p>	2,340	mtr.	23.23	Rs. Twenty three paise two
76	1.23.5	<p>Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.</p> <p>6 pin 15/16 amp socket outlet</p> <p>i) MAIN SCHOOL BUILDING. = 34 Each</p> <p>ii) 10+2 BUILDING. = 15 Each</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 5 Each</p> <p>iv) QUARTER NO - 1 & 14 NEW. (34x 7) = 238 Each</p> <p>v) QUARTER NO - 3 & 4 OLD. (4x 2) = 8 Each</p> <p>vi) QUARTER NO - 5 OLD. = 6 Each</p> <p>vii) QUARTER NO - 6 & 8 OLD. (12 x 3) = 36 Each</p> <p>viii) QUARTER NO - 9 & 11 OLD. (12 x 3) = 36 Each</p> <p>ix) QUARTER NO - 12 OLD. = 7 Each</p> <p>x) QUARTER NO - 15 OLD. = 4 Each</p> <p>xi) PRINCIPAL RESIDENCE. = 8 Each</p> <p>xii) ENTERTAINMENT BUILDING. = 2 Each</p> <p>xiii) LIBRARY BUILDING. = 34 Each</p> <p>xiv) SCIENCE BUILDING. = 34 Each</p> <p>xv) SERVANT QUARTER. = 5 Each</p> <p>xvi) VOCATIONAL BUILDING. = 6 Each</p> <p>Total Quantity = 478 Each</p>	478	Each	75.75	Rs. Seventy five paise seven

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77	1.23.3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 15/16 amp switch				
	i)	MAIN SCHOOL BUILDING. = 34 Each				
	ii)	10+2 BUILDING. = 15 Each				
	iii)	GET KEEPER BUILDING + SECURITY ROOM. = 5 Each				
	iv)	QUARTER NO - 1 & 14 NEW. (34x 7) = 238 Each				
	v)	QUARTER NO - 3 & 4 OLD. (4x 2) = 8 Each				
	vi)	QUARTER NO - 5 OLD. = 6 Each				
	vii)	QUARTER NO - 6 & 8 OLD. (12 x 3) = 36 Each	478	Each	64.64	Rs. Sixty six four
	viii)	QUARTER NO - 9 & 11 OLD. (12 x 3) = 36 Each				
	ix)	QUARTER NO - 12 OLD. = 7 Each				
	x)	QUARTER NO - 15 OLD. = 4 Each				
	xi)	PRINCIPAL RESIDENCE. = 8 Each				
	xii)	ENTERTAINMENT BUILDING. = 2 Each				
	xiii)	LIBRARY BUILDING. = 34 Each				
	xiv)	SCIENCE BUILDING. = 34 Each				
	xv)	SERVANT QUARTER. = 5 Each				
	xvi)	VOCATIONAL BUILDING. = 6 Each				
		Total Quantity = 478 Each				

Prem Prateep

19-12-

78	1.23.1	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 5/6 amps switch				
		i) MAIN SCHOOL BUILDING. = 70 Each				
		ii) 10+2 BUILDING. = 12 Each				
		GET KEEPER				
		iii) BUILDING + SECURITY ROOM. = 5 Each				
		QUARTER NO - 1				
		iv) & 14 NEW. (34x 7) = 238 Each				
		QUARTER NO - 3				
		v) & 4 OLD. (4x 2) = 8 Each				
		vi) QUARTER NO - 5 OLD. = 6 Each				
		QUARTER NO - 6				
		vii) & 8 OLD. (12 x 3) = 36 Each	502	Each	32.32	Rs. Thirty three two
		QUARTER NO - 9				
		viii) & 11 OLD. (12 x 3) = 36 Each				
		ix) QUARTER NO - 12 OLD. = 7 Each				
		x) QUARTER NO - 15 OLD. = 5 Each				
		xi) PRINCIPAL RESIDENCE. = 15 Each				
		xii) ENTERTAINMENT BUILDING. = 3 Each				
		xiii) LIBRARY BUILDING. = 25 Each				
		xiv) SCIENCE BUILDING. = 25 Each				
		xv) SERVANT QUARTER. = 5 Each				
		xvi) VOCATIONAL BUILDING. = 6 Each				
		Total Quantity = 502 Each				

From Budget

19-12-20

Chief Engineer

-48-

79	1.23.4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 3 pin 5/6 amp socket outlet.				
		i) MAIN SCHOOL BUILDING. = 70 Each				
		ii) 10+2 BUILDING. = 12 Each				
		GET KEEPER				
		iii) BUILDING + SECURITY ROOM. = 5 Each				
		QUARTER NO - 1				
		iv) & 14 NEW. (34x 7) = 238 Each				
		QUARTER NO - 3				
		v) & 4 OLD. (4x 2) = 8 Each				
		vi) QUARTER NO - 5 OLD. = 6 Each				
		QUARTER NO - 6				
		vii) & 8 OLD. (12 x 3) = 36 Each	502	Each	38.38	Rs. Thirty thirty eight
		QUARTER NO - 9				
		viii) & 11 OLD. (12 x 3) = 36 Each				
		ix) QUARTER NO - 12 OLD. = 7 Each				
		x) QUARTER NO - 15 OLD. = 5 Each				
		xi) PRINCIPAL RESIDENCE. = 15 Each				
		xii) ENTERTAINMENT BUILDING. = 3 Each				
		xiii) LIBRARY BUILDING. = 25 Each				
		xiv) SCIENCE BUILDING. = 25 Each				
		xv) SERVANT QUARTER. = 5 Each				
		xvi) VOCATIONAL BUILDING. = 6 Each				
		Total Quantity = 502 Each				

From Prakash

Shro
A-12
Chief Engineer

80	1.24.6	<p>Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.</p> <p>Telephone socket outlet</p> <p>i) MAIN SCHOOL BUILDING. = 11 Each</p> <p>ii) GET KEEPER BUILDING + SECURITY ROOM. = 5 Each</p> <p>iii) QUARTER NO - 1 & 14 NEW. (4x 7) = 28 Each</p> <p>iv) QUARTER NO - 3 & 4 OLD. (1x 2) = 2 Each</p> <p>v) QUARTER NO - 5 OLD. = 4 Each</p> <p>vi) QUARTER NO - 9 & 11 OLD. (4 x 3) = 12 Each</p> <p>vii) QUARTER NO - 12 OLD. = 4 Each</p> <p>viii) QUARTER NO - 15 OLD. = 2 Each</p> <p>ix) PRINCIPAL RESIDENCE. = 6 Each</p> <p>x) SERVANT QUARTER. = 8 Each</p> <p>Total Quantity = 82 Each</p>	82	Each	92.92	Rs. Ninety two
81	1.24.7	<p>Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.</p> <p>TV antenna socket outlet</p> <p>QUARTER NO - 9</p> <p>i) & 11 OLD. (2 x 3) = 6 Each</p> <p>Total Quantity = 6 Each</p>	6	Each	94.94	Rs. Ninety four

From Project

[Signature]
9-12-
Chief Engineer
B.S.E.I.D.C. Ltd, P

82	1.29	Supplying and fixing metal box of 150mm x 75mm x 60mm deep (nominal size) on surface on in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).				
		i) MAIN SCHOOL BUILDING. = 66 Nos.				
		ii) 10+2 BUILDING. = 30 Nos.				
		iii) GET KEEPER BUILDING + SECURITY ROOM. = 18 Nos.				
		iv) QUARTER NO - 1 & 14 NEW. (8x 7) = 56 Nos.				
		v) QUARTER NO - 3 & 4 OLD. (5x 2) = 10 Nos.				
		vi) QUARTER NO - 5 OLD. = 8 Nos.	348	Nos.	182.81	Rs. One l two and p only.
		vii) QUARTER NO - 6 & 8 OLD. (15 x 3) = 45 Nos.				
		viii) QUARTER NO - 9 & 11 OLD. (15 x 3) = 45 Nos.				
		ix) QUARTER NO - 12 OLD. = 4 Nos.				
		x) QUARTER NO - 15 OLD. = 4 Nos.				
		xi) PRINCIPAL RESIDENCE. = 8 Nos.				
		xii) ENTERTAINMENT BUILDING. = 8 Nos.				
		xiii) LIBRARY BUILDING. = 15 Nos.				
		xiv) SCIENCE BUILDING. = 25 Nos.				
		xv) SERVANT QUARTER. = 4 Nos.				
		xvi) VOCATIONAL BUILDING. = 2 Nos.				
		Total Quantity = 348 Nos.				

Pran Pratap

12-12-20

83	1.30	<p>Supplying and fixing metal box of 180mm x 100mm x 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.</p> <p>i) MAIN SCHOOL BUILDING. = 45 Nos.</p> <p>ii) 10+2 BUILDING. = 20 Nos.</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 18 Nos.</p> <p>iv) QUARTER NO - 1 & 14 NEW. (8x 7) = 56 Nos.</p> <p>v) QUARTER NO - 3 & 4 OLD. (5x 2) = 10 Nos.</p> <p>vi) QUARTER NO - 5 OLD. = 2 Nos.</p> <p>vii) QUARTER NO - 6 & 8 OLD. (15 x 3) = 45 Nos.</p> <p>viii) QUARTER NO - 9 & 11 OLD. (15 x 3) = 45 Nos.</p> <p>ix) QUARTER NO - 12 OLD. = 5 Nos.</p> <p>x) QUARTER NO - 15 OLD. = 4 Nos.</p> <p>xi) PRINCIPAL RESIDENCE. = 8 Nos.</p> <p>xii) ENTERTAINMENT BUILDING. = 5 Nos.</p> <p>xiii) LIBRARY BUILDING. = 15 Nos.</p> <p>xiv) SCIENCE BUILDING. = 25 Nos.</p> <p>xv) SERVANT QUARTER. = 4 Nos.</p> <p>xvi) VOCATIONAL BUILDING. = 2 Nos.</p> <p>Total Quantity = 309 Nos.</p>	309	Nos.	252.50	Rs. Two two and p
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Pratap

19-12

84	2.8.1	<p>Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface / recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size of FR PVC insulated copper conductor for upto the terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)</p> <p>4 way (4 + 12), Single door</p> <p>i) 10+2 BUILDING. = 2 Each QUARTER NO - 1</p> <p>ii) & 14 NEW. = 21 Each (3x 7)</p> <p>iii) QUARTER NO - 5 = 1 Each OLD.</p> <p>iv) QUARTER NO - 9 = 3 Each & 11 OLD. (1 x 3)</p> <p>v) QUARTER NO - 12 = 1 Each OLD.</p> <p>vi) QUARTER NO - 15 = 1 Each OLD.</p> <p>vii) PRINCIPAL RESIDENCE. = 2 Each</p> <p>viii) ENTERTAINMENT BUILDING. = 2 Each</p> <p>ix) LIBRARY BUILDING. = 1 Each</p> <p>x) SERVANT QUARTER. = 1 Each</p> <p>xi) VOCATIONAL BUILDING. = 1 Each</p> <p>Total Quantity = 36 Each</p>	36	Each	6,177.16	Rs. Six thousand and paise
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From Prateep

[Signature]
9-12-22
Chief Engineer
B.S.E.I.D.C. Ltd. Pat

85	2.8.2	<p>Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface / recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size of FR PVC insulated copper conductor for upto the terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)</p> <p>6 way (4 + 18), Single door</p> <p>i) MAIN SCHOOL BUILDING. = 8 Each</p> <p>ii) GET KEEPER BUILDING + SECURITY ROOM. = 2 Each</p> <p>iii) QUARTER NO - 3 & 4 OLD. (1x 2) = 2 Each</p> <p>iv) QUARTER NO - 6 & 8 OLD. (1 x 3) = 3 Each</p> <p>v) SCIENCE BUILDING. = 4 Each</p> <p>Total Quantity = 19 Each</p>	19	Each	7,965.87	Rs. Seven hundred s paise eigh
86	3.2.2	<p>Supplying, installing, testing and commissioning of following capacity TPN tap off box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on exinsing rising mains complete with PPN disconnector FSU AND HRC fuses, connections, earthing etc as required.</p> <p>32 amps TPN</p> <p>i) MAIN SCHOOL BUILDING. = 2 Each</p> <p>ii) 10+2 BUILDING. GET KEEPER = 1 Each</p> <p>iii) BUILDING + SECURITY ROOM. QUARTER NO - 6 = 1 Each</p> <p>iv) & 8 OLD. (1 x 3) = 3 Each</p> <p>v) SCIENCE BUILDING. = 2 Each</p> <p>Total Quantity = 9 Each</p>	9	Each	5,986.27	Rs. Five hundred e paise two

87	5.6	<p>Earthing with copper earth plate 600mm x 600mm x 3mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal / coke and salt as required.</p> <p>i) MAIN SCHOOL BUILDING. = 2 Nos.</p> <p>ii) GET KEEPER BUILDING + SECURITY ROOM. = 1 Nos.</p> <p>iii) QUARTER NO - 1 & 14 NEW. (2x 7) = 14 Nos.</p> <p>iv) QUARTER NO - 3 & 4 OLD. (1x 2) = 2 Nos.</p> <p>v) QUARTER NO - 6 & 8 OLD. (2 x 3) = 6 Nos.</p> <p>vi) QUARTER NO - 9 & 11 OLD. (1 x 3) = 3 Nos.</p> <p>vii) LIBRARY BUILDING. = 1 Nos.</p> <p>viii) SCIENCE BUILDING. = 1 Nos.</p> <p>Total Quantity = 30 Nos.</p>	30	Nos.	9,028.39	Rs. Nine eight and only.
88	6.5	<p>Providing and fixing copper tape 20 mm x 3 mm thick on parapet or surface or wall for lighting conductor complete as required, (For horizontal run)</p> <p>i) MAIN SCHOOL BUILDING. = 70 mtr.</p> <p>ii) GET KEEPER BUILDING + SECURITY ROOM. = 50 mtr.</p> <p>iii) QUARTER NO - 6 & 8 OLD. (20 x 3) = 60 mtr.</p> <p>Total Quantity = 180 mtr.</p>	180	mtr.	359.56	Rs. Three nine and only.
89	6.6	<p>Providing and fixing copper tape 20 mm x 3 mm thick on parapet or surface or wall for lighting conductor complete as required, (For vertical run)</p> <p>i) MAIN SCHOOL BUILDING. = 40 mtr.</p> <p>ii) GET KEEPER BUILDING + SECURITY ROOM. = 25 mtr.</p> <p>iii) QUARTER NO - 6 & 8 OLD. (12 x 3) = 36 mtr.</p> <p>Total Quantity = 101 mtr.</p>	101	mtr.	387.84	Rs. Three seven and four only.

90	7.1.1	<p>Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.Upto 35 sq.mm.</p> <p>i) MAIN SCHOOL BUILDING. = 400 mtr.</p> <p>ii) QUARTER NO - 6 & 8 OLD. (55 x 3) = 165 mtr.</p> <p>Total Quantity = 565 mtr.</p>	565	mtr.	182.81	Rs. One h two and p only.
91	1706	<p>6 amps. to 32 amps. ratings , SP MCB, "C" curve, 10 KA</p> <p>i) MAIN SCHOOL BUILDING. = 112 Each</p> <p>ii) 10+2 BUILDING. GET KEEPER = 16 Each</p> <p>iii) BUILDING + SECURITY ROOM. QUARTER NO - 1 = 28 Each</p> <p>iv) & 14 NEW. (24x 7) QUARTER NO - 3 = 168 Each</p> <p>v) & 4 OLD. (14x 2) = 28 Each</p> <p>vi) QUARTER NO - 5 OLD. = 8 Each</p> <p>vii) QUARTER NO - 6 & 8 OLD. (14 x 3) = 42 Each</p> <p>viii) QUARTER NO - 9 & 11 OLD. (8 x 3) = 24 Each</p> <p>ix) QUARTER NO - 12 OLD. = 8 Each</p> <p>x) QUARTER NO - 15 OLD. = 8 Each</p> <p>xi) PRINCIPAL RESIDENCE. = 8 Each</p> <p>xii) ENTERTAINMENT BUILDING. = 16 Each</p> <p>xiii) LIBRARY BUILDING. = 16 Each</p> <p>xiv) SCIENCE BUILDING. = 59 Each</p> <p>xv) SERVANT QUARTER. = 8 Each</p> <p>xvi) VOCATIONAL BUILDING. = 16 Each</p> <p>Total Quantity = 565 Each</p>	565	Each	100.74	Rs. One h paise seve

92	1710	6 amps. to 32 amps. ratings , TPN MCB, "C" curve, i) MAIN SCHOOL BUILDING. = 8 Each ii) 10+2 BUILDING. GET KEEPER = 2 Each iii) BUILDING + SECURITY ROOM. = 2 Each iv) QUARTER NO - 1 & 14 NEW. (3x 7) = 21 Each v) QUARTER NO - 3 & 4 OLD. (1x 2) = 2 Each vi) QUARTER NO - 5 OLD. = 1 Each vii) QUARTER NO - 6 & 8 OLD. (1 x 3) = 3 Each viii) QUARTER NO - 9 & 11 OLD. (1 x 3) = 3 Each ix) QUARTER NO - 12 OLD. = 1 Each x) QUARTER NO - 15 OLD. = 1 Each xi) PRINCIPAL RESIDENCE. = 2 Each xii) ENTERTAINMENT BUILDING. = 2 Each xiii) LIBRARY BUILDING. = 2 Each xiv) SCIENCE BUILDING. = 4 Each xv) SERVANT QUARTER. = 1 Each xvi) VOCATIONAL BUILDING. = 2 Each Total Quantity = 57 Each	57	Each	655.71	Rs. Six h and paise only.
93	2121	Brass compression gland for (32mm) 3.5 x 25 sq. mm 1.1 KV grade cable. i) MAIN SCHOOL BUILDING. GET KEEPER = 1 set. ii) BUILDING + SECURITY ROOM. = 1 set. iii) QUARTER NO - 6 & 8 OLD. (1 x 3) = 3 set. Total Quantity = 5 set.	5	set.	119.71	Rs. One h and paise only.
94	2348	Straight through cable jointing kit with cast resin compound with ferrules for 3.5 x 25 sq.mm. 1.1 KV grade cable. i) MAIN SCHOOL BUILDING. GET KEEPER = 1 set. ii) BUILDING + SECURITY ROOM. = 1 set. iii) QUARTER NO - 6 & 8 OLD. (1 x 3) = 3 set. Total Quantity = 5 set.	5	set.	972.48	Rs. Nine two and p only.
TOTAL COST OF INTERNAL ELECTRICAL WORKS (C)=						

		PLUMBING & SANITARY WORKS (1% labour cess included)				
95	B.S.R 12.78.2	Providing and fixing on wall face unplastidised PVC (working pressure 4 kgf per sqm) rain water pipes conforming to IS:4985 including jointing with seal ring conforming to IS:5382 leaving 10 mm gap for thermal expansion. 110 mm diameter. i) MAIN SCHOOL = 150 MTS BUILDING. ii) 10+2 BUILDING. = 70 MTS GET KEEPER iii) BUILDING + = 12 MTS SECURITY ROOM. QUARTER NO - 1 iv) & 14 NEW. = 350 MTS (50x 7) QUARTER NO - 3 v) & 4 OLD. = 50 MTS (25x 2) QUARTER NO - 5 vi) OLD. = 20 MTS QUARTER NO - 6 vii) & 8 OLD. = 60 MTS (20 x 3) QUARTER NO - 9 viii) & 11 OLD. = 60 MTS (20 x 3) QUARTER NO - 12 ix) OLD. = 20 MTS QUARTER NO - 15 x) OLD. = 30 MTS PRINCIPAL xi) RESIDENCE. = 30 MTS Total Quantity = 852 MTS	852	MTS	199.60	Rs. One l nine and p

from Pralab

9-12-2011
 Chief Engineer
 B.S.E.I.D.C. Ltd, Patna

24/11


96	D.S.R 17.1.1	<p>Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S tap, 10 litre low white P.V.C. Flushing cistern with manually controlled device (handle level) conforming to IS : 7231 Parryware/Hindware with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White Vitreous China Orissa pattern W C pan of size 580 x 440 mm with integral type foot rest.</p> <p>i) MAIN SCHOOL BUILDING. = 30 Each</p> <p>ii) 10+2 BUILDING. = 12 Each</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 1 Each</p> <p>iv) QUARTER NO - 1 & 14 NEW. (4x 7) = 28 Each</p> <p>v) QUARTER NO - 3 & 4 OLD. (3x 2) = 6 Each</p> <p>vi) QUARTER NO - 5 OLD. = 1 Each</p> <p>vii) QUARTER NO - 6 & 8 OLD. (1 x 3) = 3 Each</p> <p>viii) QUARTER NO - 9 & 11 OLD. (1 x 3) = 3 Each</p> <p>ix) QUARTER NO - 12 OLD. = 2 Each</p> <p>x) QUARTER NO - 15 OLD. = 1 Each</p> <p>xi) PRINCIPAL RESIDENCE. = 6 Each</p> <p>Total Quantity = 93 Each</p>	93	Each	3,297.90	Rs. Three hundred n paise nine
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Brombratop

19-12-20
Chief Engineer

97	D.S.R 17.10.1. 1	<p>Providing and fixing Stainless Steel AISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: kitchen sink with drain board Size 510 x 1040mm bowl depth 225 mm</p> <p>QUARTER NO - 1</p> <p>i) & 14 NEW. = 14 Each (2x 7)</p> <p>QUARTER NO - 3</p> <p>ii) & 4 OLD. = 2 Each (1x 2)</p> <p>QUARTER NO - 5</p> <p>iii) OLD. = 1 Each</p> <p>QUARTER NO - 6</p> <p>iv) & 8 OLD. = 3 Each (1 x 3)</p> <p>QUARTER NO - 9</p> <p>v) & 11 OLD. = 3 Each (1 x 3)</p> <p>QUARTER NO - 12</p> <p>vi) OLD. = 1 Each</p> <p>QUARTER NO - 15</p> <p>vii) OLD. = 1 Each</p> <p>PRINCIPAL</p> <p>viii) RESIDENCE. = 1 Each</p> <p>Total Quantity = 26 Each</p>	26	Each	7,045.15	Rs. Seven five and p
98	D.S.R 17.4.3	<p>Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :</p> <p>Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern.</p> <p>i) 10+2 BUILDING. = 8 Each</p> <p>Total Quantity = 8 Each</p>	8	Each	6,956.02	Rs. Six th hundred f two only.

From Prakash


 9-12-2014
Chief Engineer

99	D.S.R 17.7.1	<p>Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.</p> <p>i) MAIN SCHOOL BUILDING. = 6 Each</p> <p>ii) 10+2 BUILDING. QUARTER NO - 3 = 8 Each</p> <p>iii) & 4 OLD. (2x 2) = 4 Each</p> <p>iv) QUARTER NO - 5 OLD. = 1 Each</p> <p>v) QUARTER NO - 9 & 11 OLD. (1 x 3) = 3 Each</p> <p>vi) QUARTER NO - 15 OLD. = 1 Each</p> <p>vii) PRINCIPAL RESIDENCE. = 1 Each</p> <p>Total Quantity = 24 Each</p>	24	Each	2,196.40	Rs. Two hundred n paise fort
100	D.S.R 17.28.2. 1	<p>Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia</p> <p>i) MAIN SCHOOL BUILDING. = 6 Each</p> <p>ii) 10+2 BUILDING. QUARTER NO - 3 = 8 Each</p> <p>iii) & 4 OLD. (2x 2) = 4 Each</p> <p>iv) QUARTER NO - 5 OLD. = 1 Each</p> <p>v) QUARTER NO - 6 & 8 OLD. (1 x 3) = 3 Each</p> <p>vi) QUARTER NO - 9 & 11 OLD. (1 x 3) = 3 Each</p> <p>vii) QUARTER NO - 15 OLD. = 1 Each</p> <p>viii) PRINCIPAL RESIDENCE. = 1 Each</p> <p>Total Quantity = 27 Each</p>	27	Each	73.28	Rs. Seve paise two

lap

[Signature]

101	D.S.R 17.28.2. 2	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 40 mm dia QUARTER NO - 1 i) & 14 NEW. = 14 Each (2x 7) QUARTER NO - 3 ii) & 4 OLD. = 2 Each (1x 2) QUARTER NO - 5 iii) OLD. = 1 Each QUARTER NO - 6 iv) & 8 OLD. = 3 Each (1 x 3) QUARTER NO - 9 v) & 11 OLD. = 3 Each (1 x 3) QUARTER NO - 12 vi) OLD. = 1 Each QUARTER NO - 15 vii) OLD. = 1 Each PRINCIPAL viii) RESIDENCE. = 1 Each Total Quantity = 26 Each	26	Each	75.65	Rs. Seven paise sixty
102	D.S.R 17.32.2	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 453 x 357 mm i) MAIN SCHOOL = 6 Each BUILDING. ii) 10+2 BUILDING. = 8 Each QUARTER NO - 3 & 4 iii) OLD. (2x = 4 Each 2) QUARTER NO - 5 iv) OLD. = 1 Each QUARTER NO - 6 v) & 8 OLD. = 3 Each (1 x 3) QUARTER NO - 9 vi) & 11 OLD. = 3 Each (1 x 3) PRINCIPAL vii) RESIDENCE. = 1 Each Total Quantity = 26 Each	26	Each	707.30	Rs. Seven and paise


 16-12

103	D.S.R 17.33	<p>Providing and fixing 600 x 120 x 5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.</p> <p>i) MAIN SCHOOL BUILDING. = 6 Each</p> <p>ii) 10+2 BUILDING. QUARTER NO - 3 = 8 Each</p> <p>iii) & 4 OLD. (2x 2) = 4 Each</p> <p>iv) QUARTER NO - 5 OLD. = 1 Each</p> <p>v) QUARTER NO - 6 & 8 OLD. (1 x 3) = 3 Each</p> <p>vi) QUARTER NO - 9 & 11 OLD. (1 x 3) = 3 Each</p> <p>vii) PRINCIPAL RESIDENCE. = 1 Each</p> <p>Total Quantity = 26 Each</p>	26	Each	527.42	Rs. Five seven and only.
104	D.S.R 17.35.1. 2	<p>Providing & fixing soil, waste and vent pipes : Centrifugally cast (spun) iron socket & spigot (S & S) pipe as per IS: 3989</p> <p>i) MAIN SCHOOL BUILDING. = 60 metre</p> <p>ii) 10+2 BUILDING. = 25 metre</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 50 metre</p> <p>iv) QUARTER NO - 1 & 14 NEW. (15x 7) = 105 metre</p> <p>v) QUARTER NO - 3 & 4 OLD. (30x 2) = 60 metre</p> <p>vi) QUARTER NO - 5 OLD. = 15 metre</p> <p>vii) QUARTER NO - 6 & 8 OLD. (15 x 3) = 45 metre</p> <p>viii) QUARTER NO - 9 & 11 OLD. (15 x 3) = 45 metre</p> <p>ix) QUARTER NO - 12 OLD. = 10 metre</p> <p>x) QUARTER NO - 15 OLD. = 15 metre</p> <p>xi) PRINCIPAL RESIDENCE. = 40 metre</p> <p>Total Quantity = 470 metre</p>	470	metre	962.03	Rs. Nine two and p

105	D.S.R 17.36.2	<p>Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I / C.I. Pipes: 100mm dia pipe</p> <p>i) MAIN SCHOOL BUILDING. = 12 Each</p> <p>ii) 10+2 BUILDING. GET KEEPER = 10 Each</p> <p>iii) BUILDING + SECURITY ROOM. = 2 Each</p> <p>iv) QUARTER NO - 1 & 14 NEW. (6x 7) = 42 Each</p> <p>v) QUARTER NO - 3 & 4 OLD. (6x 2) = 12 Each</p> <p>vi) QUARTER NO - 5 OLD. = 4 Each</p> <p>vii) QUARTER NO - 6 & 8 OLD. (4 x 3) = 12 Each</p> <p>viii) QUARTER NO - 9 & 11 OLD. (4 x 3) = 12 Each</p> <p>ix) QUARTER NO - 12 OLD. = 3 Each</p> <p>x) QUARTER NO - 15 OLD. = 2 Each</p> <p>xi) PRINCIPAL RESIDENCE. = 7 Each</p> <p>Total Quantity = 118 Each</p>	118	Each	70.80	Rs. Seven eighty on
106	D.S.R 17.43.1. 2	<p>Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. Sand cast iron S&S as per IS - 1729</p> <p>i) MAIN SCHOOL BUILDING. = 12 Each</p> <p>ii) 10+2 BUILDING. = 10 Each</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 2 Each</p> <p>iv) QUARTER NO - 1 & 14 NEW. (6x 7) = 42 Each</p> <p>v) QUARTER NO - 3 & 4 OLD. (6x 2) = 12 Each</p> <p>vi) QUARTER NO - 5 OLD. = 4 Each</p> <p>vii) QUARTER NO - 6 & 8 OLD. (4 x 3) = 12 Each</p> <p>viii) QUARTER NO - 9 & 11 OLD. (4 x 3) = 12 Each</p> <p>ix) QUARTER NO - 12 OLD. = 3 Each</p> <p>x) QUARTER NO - 15 OLD. = 2 Each</p> <p>xi) PRINCIPAL RESIDENCE. = 7 Each</p> <p>Total Quantity = 118 Each</p>	118	Each	628.78	Rs. Six hundred and eighty on

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107	D.S.R 17.60.1. 1	<p>Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: Sand cast iron S & S as per IS: 1729</p> <p>i) MAIN SCHOOL BUILDING. = 34 Each</p> <p>ii) 10+2 BUILDING. = 56 Each</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 1 Each</p> <p>iv) QUARTER NO - 1 & 14 NEW. (6x 7) = 42 Each</p> <p>v) QUARTER NO - 3 & 4 OLD. (6x 2) = 12 Each</p> <p>vi) QUARTER NO - 5 OLD. = 3 Each</p> <p>vii) QUARTER NO - 6 & 8 OLD. (4 x 3) = 12 Each</p> <p>viii) QUARTER NO - 9 & 11 OLD. (4 x 3) = 12 Each</p> <p>ix) QUARTER NO - 12 OLD. = 3 Each</p> <p>x) QUARTER NO - 15 OLD. = 3 Each</p> <p>xi) PRINCIPAL RESIDENCE. = 9 Each</p> <p>Total Quantity = 187 Each</p>	187	Each	947.43	Rs. Nine seven and only.
108	D.S.R 18.3.2	<p>Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with trenching, refilling and testing of joints complete as per direction of the engineer in charge.</p> <p>1620 (20mm OD) pipe</p> <p>i) QUARTER NO - 1 & 14 NEW. (60x 7) = 420 metre</p> <p>ii) QUARTER NO - 3 & 4 OLD. (30x 2) = 60 metre</p> <p>iii) QUARTER NO - 5 OLD. = 15 metre</p> <p>iv) QUARTER NO - 6 & 8 OLD. (15 x 3) = 45 metre</p> <p>v) QUARTER NO - 9 & 11 OLD. (15 x 3) = 45 metre</p> <p>vi) QUARTER NO - 12 OLD. = 15 metre</p> <p>vii) QUARTER NO - 15 OLD. = 20 metre</p> <p>viii) PRINCIPAL RESIDENCE. = 50 metre</p> <p>Total Quantity = 670 metre</p>	670	metre	245.88	Rs. Two five and only.

109	D.S.R 18.8.1	<p>Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes joining of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of E/I</p> <p>Concealed work including cutting chases and making good the wall etc. 15 mm nominal outer dia Pipes</p> <p>i) MAIN SCHOOL BUILDING. = 40 metre</p> <p>ii) 10+2 BUILDING. = 80 metre</p> <p>iii) GET KEEPER BUILDING + SECURITY ROOM. = 5 metre</p> <p>iv) QUARTER NO - 1 & 14 NEW. (40x 7) = 280 metre</p> <p>v) QUARTER NO - 3 & 4 OLD. (40x 2) = 80 metre</p> <p>vi) QUARTER NO - 5 OLD. = 30 metre</p> <p>vii) QUARTER NO - 6 & 8 OLD. (22 x 3) = 66 metre</p> <p>viii) QUARTER NO - 9 & 11 OLD. (22 x 3) = 66 metre</p> <p>ix) QUARTER NO - 12 OLD. = 20 metre</p> <p>x) QUARTER NO - 15 OLD. = 15 metre</p> <p>xi) PRINCIPAL RESIDENCE. = 30 metre</p> <p>Total Quantity = 712 metre</p>	712	metre	257.50	Rs. Two seven and
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Ram Prakash

9-12-2014
Chief Engineer

110	D.S.R 18.9.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm nominal inner dia Pipes i) MAIN SCHOOL BUILDING. = 30 metre ii) 10+2 BUILDING. = 40 metre Total Quantity = 70 metre	70	metre	205.13	Rs. Two hundred and paise thirty
111	D.S.R 18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI :12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. i) MAIN SCHOOL BUILDING. = 4000 per litre Total Quantity = 4000 per litre	4,000	per litre	6.36	Rs. Six and six only.
112	D.S.R 18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm nominal bore. i) MAIN SCHOOL BUILDING. = 36 Each ii) 10+2 BUILDING. = 20 Each iii) GET KEEPER BUILDING + SECURITY ROOM. = 1 Each iv) QUARTER NO - 1 & 14 NEW. (5x 7) = 35 Each v) QUARTER NO - 3 & 4 OLD. (10x 2) = 20 Each vi) QUARTER NO - 5 OLD. = 5 Each vii) QUARTER NO - 6 & 8 OLD. (5 x 3) = 15 Each viii) QUARTER NO - 9 & 11 OLD. (5 x 3) = 15 Each ix) QUARTER NO - 12 OLD. = 3 Each x) QUARTER NO - 15 OLD. = 4 Each xi) PRINCIPAL RESIDENCE. = 10 Each Total Quantity = 164 Each	164	Each	462.98	Rs. Four hundred and two and paise only.

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113	D.S.R 18.52.1	Providing and fixing C.P. brass stop cock (concealed of standard design and of approved make conforming to IS : 8931 15 mm nominal bore. i) MAIN SCHOOL BUILDING. = 6 Each ii) 10+2 BUILDING. = 8 Each GET KEEPER iii) BUILDING + SECURITY ROOM. = 0 Each QUARTER NO - 1 iv) & 14 NEW. (2x 7) = 14 Each QUARTER NO - 3 v) & 4 OLD. (5x 2) = 10 Each QUARTER NO - 5 vi) OLD. = 3 Each QUARTER NO - 6 vii) & 8 OLD. (3 x 3) = 9 Each QUARTER NO - 9 viii) & 11 OLD. (3 x 3) = 9 Each QUARTER NO - 12 ix) OLD. = 1 Each QUARTER NO - 15 x) OLD. = 3 Each PRINCIPAL xi) RESIDENCE. = 3 Each Total Quantity = 66 Each	66	Each	624.89	Rs. Six hundred and four only.
TOTAL COST OF PLUMBING & SANITARY WORKS (D)=						
		Septic Tank (1% labour cess included)				
114	2.8.1	Earthwork in excavation (i) Septic tank i) MAIN SCHOOL BUILDING. = 31.89 cum ii) PRINCIPAL RESIDENCE. = 31.89 cum DRAIN , SEPTIC TANK , MAIN iii) SCHOOL BUILDING & SCIENCE BLOCK. = 31.89 cum Total Quantity = 95.67 cum	95.67	cum	178.40	Rs. One hundred and eight

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115	2.28	<p>Sand filling</p> <p>i) MAIN SCHOOL BUILDING. = 1.02 cum</p> <p>ii) PRINCIPAL RESIDENCE. = 1.02 cum</p> <p>DRAIN , SEPTIC TANK , MAIN</p> <p>iii) SCHOOL BUILDING & SCIENCE BLOCK. = 1.02 cum</p> <p align="right">Total Quantity = 3.06 cum</p>	3.06	cum	186.30	Rs. One hundred and six paise
116	11.72	<p>Flat Brick soling</p> <p>i) MAIN SCHOOL BUILDING. = 13.57 sq.m</p> <p>ii) PRINCIPAL RESIDENCE. = 13.57 sq.m</p> <p>DRAIN , SEPTIC TANK , MAIN</p> <p>iii) SCHOOL BUILDING & SCIENCE BLOCK. = 13.57 sq.m</p> <p align="right">Total Quantity = 40.71 sq.m</p>	40.71	sq.m	212.90	Rs. Two hundred and paise
117	4.5.5	<p>P.C.C. (1 : 3 : 6) (i) Sloping portion 1:20</p> <p>i) MAIN SCHOOL BUILDING. = 3.00 cum</p> <p>ii) PRINCIPAL RESIDENCE. = 3.00 cum</p> <p>DRAIN , SEPTIC TANK , MAIN SCHOOL BUILDING & SCIENCE BLOCK. = 3.00 cum</p> <p align="right">Total Quantity = 9.00 cum</p>	9.00	cum	2,688.70	Rs. Two hundred and paise sev
118	6.1A + 6.1.12/1	<p>Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand)</p> <p>(i) Long wall + (ii) Short Wall + (iii) Partition wall + (iv) Partition wall</p> <p>i) MAIN SCHOOL BUILDING. = 8.75 cum</p> <p>ii) PRINCIPAL RESIDENCE. = 8.75 cum</p> <p>DRAIN , SEPTIC TANK , MAIN SCHOOL BUILDING & SCIENCE BLOCK. = 8.75 cum</p> <p align="right">Total Quantity = 26.25 cum</p>	26.25	cum	3,914.60	Rs. Three hundred and paise sixt

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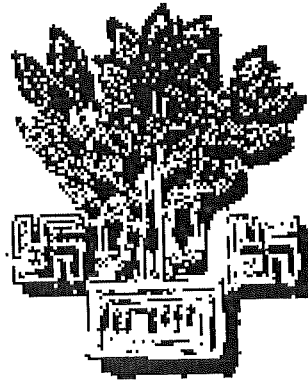
119	13.17 +13.36.1	<p>12 mm cement Plaster 1:3 (1 cement: 3 coarse sand) with a floating coat of neat cement & Extra for providing and mixing water proofing material in proportion recommended by the manufacturers: 12 mm cement plaster 1:3(1 cement :3 sand)</p> <p>i) MAIN SCHOOL BUILDING. = 40.66 sq.m</p> <p>ii) PRINCIPAL RESIDENCE. DRAIN , SEPTIC TANK , MAIN SCHOOL BUILDING & SCIENCE BLOCK. = 40.66 sq.m</p> <p>Total Quantity = 121.98 sq.m</p>	121.98	sq.m	132.10	Rs. One hundred and two and p
120	13.13.1 + 13.26	<p>20 mm cement Plaster 1:3 (1 cement: 3 coarse sand) with a floating coat of neat cement & neat cement punning</p> <p>i) MAIN SCHOOL BUILDING. = 18.25 sq.m</p> <p>ii) PRINCIPAL RESIDENCE. DRAIN , SEPTIC TANK , MAIN SCHOOL BUILDING & SCIENCE BLOCK. = 18.25 sq.m</p> <p>Total Quantity = 54.75 sq.m</p>	54.75	sq.m	172.00	Rs. One hundred and two only.
121	5.1.3	<p>Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement-All work upto plinth level. 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)</p> <p>(i) Roof cover slab of septic tank</p> <p>(ii) Rcc Beam in septic tank</p> <p>i) MAIN SCHOOL BUILDING. = 1.05 cum</p> <p>ii) PRINCIPAL RESIDENCE. DRAIN , SEPTIC TANK , MAIN SCHOOL BUILDING & SCIENCE BLOCK. = 1.05 cum</p> <p>Total Quantity = 3.15 cum</p>	3.15	cum	3,380.80	Rs. Three hundred and eighty on

122	5.29.7A	(i) Steel 8mm in R.C.C. i) MAIN SCHOOL BUILDING. = 105 Kg. ii) PRINCIPAL RESIDENCE. = 105 Kg. DRAIN , SEPTIC TANK , MAIN SCHOOL iii) BUILDING & SCIENCE BLOCK. = 105 Kg. Total Quantity = 315.00 Kg.	315	Kg.	67.00	Rs. Sixty
123	Code no. of 1352	(i) C.I. cover and frame 300 x 300 mm inside i) MAIN SCHOOL BUILDING. = 1.00 Each ii) PRINCIPAL RESIDENCE. = 1.00 Each DRAIN , SEPTIC TANK , MAIN SCHOOL iii) BUILDING & SCIENCE BLOCK. = 1.00 Each Total Quantity = 3.00 Each	3.00	Each	346.43	Rs. Three six and p only.
124	Code no. of 1621	(ii) S.C.I. plain bend 100 mm dia i) MAIN SCHOOL BUILDING. = 1.00 Each xi) PRINCIPAL RESIDENCE. = 1.00 Each DRAIN , SEPTIC TANK , MAIN SCHOOL xii) BUILDING & SCIENCE BLOCK. = 1.00 Each Total Quantity = 3.00 Each	3.00	Each	259.83	Rs. Two nine and only.
125	Code no. of 7087	(iii) S.C.I. Tee 150 mm dia i) MAIN SCHOOL BUILDING. = 1.00 Each ii) PRINCIPAL RESIDENCE. = 1.00 Each DRAIN , SEPTIC TANK , MAIN SCHOOL iii) BUILDING & SCIENCE BLOCK. = 1.00 Each Total Quantity = 3.00 Each	3.00	Each	624.80	Rs. Six h four and
		TOTAL COST OF SEPTIC TANK (E)=				
		TOTAL COST OF (A)+(B)+(C)+(D)+(E)=				
		Say=				
Tender approved in favour of Prem Pratap Ray @ 10.00% (Ten Decimel Zero Percent) below BOQ r amount comes to Rs. 3,90,08,335=00 (Three Crore Ninety Lacs Eight Thousand Three Hundred Thirt						

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9-12-2014

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GOVERNMENT OF BIHAR

STANDARD BIDDING DOCUMENT
PROCUREMENT
OF
CIVIL WORKS

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BSEIDC,Patna **RENOVATION OF BUILDING , OF S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA IN BIHAR. (SBD)**

**BIHAR STATE EDUCATIONAL INFRASTRUCTURE
DEVELOPMENT CORPORATION LTD.**

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STANDARD BIDDING DOCUMENT

PROCUREMENT OF CIVIL WORKS

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BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
(A Govt. Of Bihar Undertaking)

Shiksha Bhawan, Bihar Rastrabhasa Parishad Campus
Acharya Shiv Pujan Sahay Path, Saidpur, PATNA-800004.

NATIONAL COMPETITIVE BIDDING
(CIVIL WORKS)

1. NAME OF WORK : RENOVATION OF BUILDING ,AT S.R.P.S. GOVT. H/S. GARDANIBAG, AT PATNA IN BIHAR.

<u>Sl.No</u>	<u>District</u>	<u>Name of School</u>
2	PATNA	" S.R.P.S. GOVT. H/S. GARDANIBAG "

2. PERIOD OF CONSTRUCTION : 9 Months.
3. DATE OF ISSUE OF NOTICE INVITING BID : 19.05.2014
4. PERIOD AND PLACE OF SALE : FROM : 10-06-2014 To 30-06-2014, 15.00 Hours
OF BID DOCUMENT on Website : www.eproc.bihar.gov.in
5. TIME, DATE AND PLACE OF PRE- BID MEETING : TIME : 14:30 HOURS, Date : 16-06-2014,, in the office of Managing Director, BSEIDC, Patna.
6. LAST DATE AND TIME FOR RECEIPT OF BIDS : DATE : 01-07-2014, TIME: 15:00 HOURS
on Website : www.eproc.bihar.gov.in
7. *TIME AND DATE OF OPENING TECHNICAL BIDS : DATE : 04-07-2014, TIME: 15:30 HOURS
on Website : www.eproc.bihar.gov.in
8. *TIME AND DATE OF OPENING FINANCIAL BIDS : DATE : 15-07-2014, TIME: 15:30 HOURS
on Website : www.eproc.bihar.gov.in
9. PLACE OF OPENING OF BIDS : THROUGH WEBSITE Only www.eproc.bihar.gov.in
10. PERIOD OF BID VALIDITY : 120 Days.
11. OFFICER INVITING BIDS : Managing Director, BSEIDC, Patna.
- *Should be the same as for the deadline for receipt of bids or promptly thereafter**

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**INVITATION FOR BID
(IFB)**

Lab

बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड

(बिहार सरकार का एक उपक्रम)

शिक्षा भवन, बिहार राष्ट्रभाषा परिषद् कैम्पस, आचार्य शिवपुजन सहाय पथ, सैदपुर, पटना-800004 (दूरभाष:-0612-2910)

निविदा आमंत्रण सूचना संख्या- 08 वर्ष 2014-15

प्रतिशत मद दर निविदा

(केवल ई-टेंडरिंग पद्धति के अनुसार वेबसाइट www.eproc.bihar.gov.in पर)

1. बिहार राज्य के अन्तर्गत निम्नांकित कार्य हेतु निविदा आमंत्रित की जाती है। कोई भी संवेदक जो केन्द्रीय/राज्य सरकार से संबंधित हो, निविदा में भाग ले सकते हैं परन्तु इस निगम का रजिस्ट्रेशन कराना, उक्त कार्य का लेटर ऑफ एक्सेप्टेंस प्राप्त होगा।

क्र०सं०	कार्य का नाम	प्राक्कलित राशि (लाख में)	अग्रधन का राशि (लाख में)	परिमाण विपत्र का मूल्य(रु०में)	कार्य की अवधि
1.	शहीद राजेन्द्र सिंह राजकीय उच्च विद्यालय गर्दनीबाग, पटना में वृहत मरम्मत का कार्य।	459.08 / -	9.18 / -	26,900 / -	09 (नौ)
2.	राजकीय कन्या उच्च विद्यालय लालबहादुर शास्त्रीनगर, पटना में वृहत मरम्मत का कार्य।	261.23 / -	5.22 / -	15,650 / -	06 (छह)
3.	राजकीय कन्या उच्च विद्यालय बाँकीपुर, पटना में वृहत मरम्मत का कार्य।	305.34 / -	6.11 / -	26,900 / -	06 (छह)
4.	पटना कॉलेजिएट स्कूल, पटना में वृहत मरम्मत का कार्य।	327.08 / -	6.54 / -	26,900 / -	06 (छह)
5.	जिला स्कूल छपरा, सारण में वृहत मरम्मत का कार्य।	180.41 / -	3.61 / -	15,650 / -	06 (छह)
6.	राजपूत उच्च विद्यालय छपरा, सारण में वृहत मरम्मत का कार्य।	239.82 / -	4.80 / -	15,650 / -	06 (छह)
7.	जिला स्कूल मुजफ्फरपुर, तिरहुत में वृहत मरम्मत का कार्य।	192.61 / -	3.85 / -	15,650 / -	06 (छह)
8.	जी.ए. इंटर उच्च विद्यालय हाजीपुर, तिरहुत में वृहत मरम्मत का कार्य।	159.25 / -	3.19 / -	15,650 / -	06 (छह)
9.	जिला उच्च विद्यालय मोतिहारी, में वृहत मरम्मत का कार्य।	363.38 / -	7.27 / -	26,900 / -	06 (छह)
10.	जी.ए. इंटर स्कूल अरवल, में वृहत मरम्मत का कार्य।	58.85 / -	1.18 / -	11,150 / -	04 (चार)

नोट:-1. निविदाकार एक या अधिक ग्रुप में अलग-अलग निविदा डाल सकते हैं।

2. प्राक्कलित राशि घट या बढ़ सकती है एवं तदनुसार अग्रधन की राशि घट या बढ़ सकती है।

वेबसाइट-www.eproc.bihar.gov.in पर अंकित प्राक्कलित राशि, अग्रधन की राशि एवं परिमाण विपत्र की राशि अंतिम होगी।

- (2) विज्ञापन निर्गत करने की तिथि :- दिनांक:- 19.05.2014
- (3) परिमाण विपत्र प्राप्त करने(डाउनलोड) की अवधि एवं समय :- दिनांक- 10.06.2014 से 30.06.2014, 15:00 घंटा (वेबसाइट-www.eproc.bihar.gov.in पर)
- (4) प्री बिड मीटिंग का समय, स्थान एवं तिथि :- दिनांक:- 16.06.2014, 14:30 घंटा प्रबंध निदेशक का कार्यालय, बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम, पटना।
- (5) निविदा प्राप्ति(अपलोड) की अंतिम तिथि एवं समय :- दिनांक- 01.07.2014, समय- 15:00 घंटा
- (6) टेक्निकल बिड खोलने की तिथि एवं समय :- दिनांक- 04.07.2014, समय- 15:30 घंटा (वेबसाइट-www.eproc.bihar.gov.in पर)
- (7) वित्तीय बिड खोलने की तिथि एवं समय :- 15.07.2014, समय- 15:30 घंटा

- (11) ई-निविदा पत्र वेबसाइट www.eproc.bihar.gov.in से प्राप्त किया जा सकता है। संवेदक द्वारा सिर्फ उपर्युक्त वेबसाइट पर प्राप्त करने के उपरांत वेबसाइट पर ही इलेक्ट्रॉनिक निविदा पत्र को भरकर भेजना है। अन्य सभी महत्वपूर्ण कागजात/बैंक राशि/सभी प्रमाण पत्र जो निविदा के लिए आवश्यक है को स्कैन कर ई-निविदा के साथ संलग्न करना अनिवार्य है।
- (12) परिमाण विपत्र के दर से कम दर उद्धृत करने पर बीड डाक्यूमेंट की शर्तों एवं सरकारी निर्णयानुसार अतिरिक्त Performance करारनामा के पूर्व जमा करना होगा।
- (13) (क) प्रत्येक परिमाण विपत्र का मूल्य जो प्रत्येक निविदा के सामने उपर कण्डिका (1) में अंकित है (जो लौटाया नहीं जाएगा) बैंक द्वारा निर्गत एवं BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION एवं पटना में भुगतये हो, स्वीकार किया जायेगा। मूल बैंक ड्राफ्ट "बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड" में दिनांक 04.07.2014 के 15:00 घंटे तक स्वयं/निबंधित डाक /स्पीड पोस्ट द्वारा निश्चित रूप से जमा किया जाना है। ऐसा न मान्य नहीं होगा।

(ख) वांछित अग्रधन की राशि राष्ट्रीय बचत पत्र/डाकघर सावधि जमा 3 वर्षीय या 5 वर्षीय पासबुक जो बिहार राज्य से क्रय प्रबंध निदेशक, BSEIDC Ltd., पटना के नाम प्रतिज्ञित (Pledged) हो अथवा बिहार वित्त नियमावली के अनुसार BSEIDC Ltd. में भुगतये एकाउन्ट पेयी डिमाण्ड ड्राफ्ट, फिक्सड डिपोजिट रिसिप्ट, बैक्स चेक अथवा बैंक गारन्टी जो बिड के मान्य अवधि अवस्थित किसी राष्ट्रीयकृत/अनुसूचित बैंक से निर्गत हो (अगर बिहार प्रान्त के बाहर के बैंक से निर्गत बैंक गारन्टी दिया जाता पूर्व इसे बिहार अवस्थित किसी बैंक से निर्गत किया जाना होगा) के रूप में प्रबंध निदेशक का कार्यालय, बिहार राज्य शैक्षणिक विकास निगम लिमिटेड, पटना में दिनांक 04.07.2014 के 15:00 घंटे तक स्वयं/निबंधित डाक /स्पीड पोस्ट द्वारा निश्चित रूप आवश्यक है। ऐसा नहीं करने पर निविदा मान्य नहीं होगा।

(14) निविदाकारों द्वारा इस्तेमाल किये जा रहे इन्टरनेट सर्विस में किसी प्रकार का व्यवधान उत्पन्न होने पर कोई भी दावा मान्य नहीं को सलाह दी जाती है कि अपने निविदा को समय रहते उपर्युक्त वेबसाइट पर अपलोड कर लें। ताकि अंतिम समय में होने वाले व्यवधान से बच सकें।

(15) किसी भी प्रकार की जानकारी अथवा शुद्धि पत्र को वेबसाइट www.eproc.bihar.gov.in पर प्रकाशित किया जायेगा निविदा या उसके अंश को अस्वीकृत करने/रद्द करने का अधिकार सक्षम पदाधिकारी को सुरक्षित है।

(16) विशेष जानकारी हेतु अधोहस्ताक्षरी के कार्यालय में कार्य अवधि में सम्पर्क किया जा सकता है। ई-टेन्डरिंग की प्रक्रिया प्रकार की जानकारी/सूचना हेतु सहायता कक्ष, ई-टेन्डरिंग कक्ष, प्रथम तल्ला, M/22, बैंक ऑफ इण्डिया भवन, रोड नं० पटना-800001, दूरभाष सं० 0612-2523006 / 9939035696.

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BSEIDC,Patna **RENOVATION OF BUILDING , OF S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA IN BIHAR. (SBD)**

SECTION 1
INSTRUCTION TO BIDDERS
(ITB)

Section 1 : Instructions to Bidders

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. GENERAL

1.Scope of Bid

- 1.1 The Employer (named in Appendix to ITB) invites bids for the construction of works (as defined in 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 given in the Contract data.
- 1.3 Throughout these bidding documents, the terms 'bid' and 'tender' and their derivatives (bidder / tenderer, bidding/tendering, etc.) are synonymous.
- 1.4 **Administrative authority shall decide that this agreement would be either PERCENTAGE FEE or LUMP SUM ITEM RATE and accordingly the non-relevant sections of this document must be crossed.**

2.Sources of 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 Competent Authority, 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 supervising the contract. A firm that has been engaged by the Employer to provide consulting services for the project 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 conduct 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 milestones 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 of the contract) by the bankers.
 - (ii) Undertaking that bidder would be able to invest a minimum of cost upto 25% of the contract value in the work, during implementation of contract.
 - (iii) Proposals, if any, for sub contracting of elements of work, costing more than 10% of the contract amount. (for all contracts over Rs. 5 crore)
 - (iv) Power of attorney, if any.
- 4.3 If the Employer has not undertaken prequalification of potential bidders, all bidders shall furnish 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 contract on behalf of 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 reference information on those contracts;

- (f) reports on the financial standing of the Bidder, such as profit and loss statements and reports for the past five years;
- (g) evidence of access to line(s) of credit and availability of other financial resources (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 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) proposals for subcontracting components of the Works amounting to more than 10% Price (for each, the qualifications and experience of the identified sub-contractor in the field should be annexed); *(for all contracts over Rs. 5 Crore)*
- (l) the proposed methodology and programme of construction, backed with equipment plan, deployment, duly supported with broad calculations and quality control procedures to be adopted, justifying their capability of execution and completion of the work as per specifications within the stipulated period of completion as per milestones *(for all contracts over Rs. 5 Crore)*

4.4 Bids from Joint ventures are not acceptable.*

4.5 ** (A)A.To qualify for award of the contract, each bidder in its name should have in the last five years and current financial year will also be considered as referred to in Appendix :-

- (a) Achieved in any one year a minimum annual financial turnover (in all classes of civil construction works only) volume of construction work of at least the amount equal to (fifty percent) estimated cost of works for which bid has been invited. The turnover should be indexed at the rate of 8% for a year.
- (b) Satisfactorily completed as a prime contractor (or as a nominated subcontractor, subcontract involved execution of all main items of work described in the bid documents and further that all other qualification criteria are satisfied) at least one similar work of value more than amount indicated in Appendix *(usually not less than 25% (twenty five percent) of the value of contract)*;
- (c) executed in any one year, the minimum quantities of the following items of work as indicated in Appendix.

- R.C.C. cement concrete quantity 1888.00 cum
- Flooring Work 5373.00 Sqm

(usually 50% of the expected peak rate of construction)

* To be deleted for projects costing Rs. 10 crores or more

** Also, see section 5, the special condition of contract

B. Each bidder should further demonstrate :

- (a) availability (either owned or leased or by procurement against mobilization advance) of the following key and critical equipment for this work:

Based on the studies, carried out by the Engineer the minimum suggested major equipment to attain the completion of works in accordance with the prescribed construction schedule is shown in the Annexure-I.

Availability of the testing equipment required for establishing field laboratory to carry out the mandatory tests e.g. those stated in Appendix to ITB.

The bidders should, however, undertake their own studies and furnish with their bid, a detailed construction planning and methodology supported with layout and necessary drawings and calculations (detailed) as stated in clause 4.3(1) above to allow the employer to review the proposals. The numbers, types and capacities of each plant/equipment shall be shown in the proposals along with the cycle time for each operation for the given production capacity to meet the requirements.

NOTE : (To be included for bids valued over Rs 5 Crore)

- (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-III
(Credit lines/letter of credit/certificates from Banks for meeting the funds requirement upto the equivalent of the estimated cash flow for 3 months in peak construction period.)

C. To qualify for a package of contracts made up of this and other contracts for which the bidders 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 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 :

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

Where

A = Maximum value of civil engineering works executed in any one year during the last three 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 the bidder's existing commitments and on-going works to be completed during the next..... years (excluding the completion of the works for which bids are invited)

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

- have record of poor performance such as abandoning the works, not properly the contract, inordinate delays in completion, litigation history, or financial and/or
- participated in the previous bidding for the same work and had quoted unreasonable 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 participates in more than one Bid (other than as a subcontractor or in cases of alternatives that are 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. 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 each time.

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 One copy of each of the volumes I, II, III and IV will be issued to the bidder Documents to be prepared by the bidder in compliance to section 2 will be prepared by him and furnished as Volume- V in accordance with clause 12).

- 8.3 The bidder is expected to examine carefully all instructions, conditions of contract, contract documents, terms, technical specifications, bill of quantities, forms, Annexes and drawings in the Bid Documents. 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 bidder making the enquiry) and the responses given will be transmitted without delay to all purchasers of the bidding documents. Any modification of the bidding documents listed in Sub-Clause 8.1 which may be necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issuance of an Addendum pursuant to Clause 10 and not through the minutes of the pre-bid meeting. Addenda shall be available to collect any addendum on next working day of pre-bid meeting. The bidder shall receive the minutes of the meeting on the next working day of the pre-bid meeting.
- 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, the Employer may modify the bidding documents addendum.
- 10.2 Any addendum thus issued shall be part of the bidding documents and shall be collected by the purchasers of the bidding documents. Prospective bidders shall acknowledge receipt of each addendum in writing or by cable to the Employer. The Employer will assume no responsibility for postal delays.
- 10.3 To give prospective bidders reasonable time in which to take an addendum into account in their bids, the Employer may, at his discretion, extend as necessary the deadline for submission of bids in accordance with Sub-Clause 20.2 below.

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 submitted by the bidder as Volume V of the bid document (refer Clause 8.1) shall consist of the following 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 and true 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 Each part will be separately sealed and marked in accordance with the Sealing and Marking Instructions in Clause 19.
- 12.3 Following documents, which are not submitted with the bid, will be deemed to be part of the bid:

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

From Project

13. Bid Prices

- 13.1 The contractor shall bid for the whole work as described in Sub-Clause 1.1 based on the prices and 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. Percentage rate method requires the bidder to quote a percentage above/below/ at par of the schedule of rates specified in the appendix to ITB. Item rate method requires to quote rates and prices and line item total (both in figures and words) for all items of the Works described in the Bill of Quantities along with total bid price both in figures and words. *Items for which no rate or price is entered by the bidder will not be paid for by the Employer. Items executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.* Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
- 13.1.2 All duties, taxes, and other levies payable by the contractor under the contract or for any other purpose shall be included in the rates, prices and total Bid Price submitted by the Bidder.
- 13.2 The rates and prices quoted by the bidder are subject to adjustment during the performance of the Contract in accordance with the provisions clause 10CA & 10CC clause Conditions of Contract.
- 13.3 The rate should include the cost of all seen and unseen expenditure. No claim, whatsoever, shall 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 units 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 to Clause 12.1 (v) and the Form of Bid submitted by the bidder, the latter shall be deemed corrected in accordance with the former and the bidder has to provide for any additional security required.
- 15.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request the bidders may extend the period of validity for a specified additional period. The request and the responses shall be made in writing or by cable. A bidder may refuse the request without forfeiting his 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 shown in column 1 of the table of IFB for this particular work. This bid security shall be in favour of Employer, and shall be in the following form of Unconditional bank guarantee from any nationalized scheduled Indian bank or within the state in the format given in Vol. III (If issued from any bank outside state it will be converted to any bank within the state before executing the agreement).
- 16.2 Unconditional bank guarantees issued as surety for the bid shall be valid for 45 days beyond the expiry 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.

- (b) if the Bidder does not accept the correction of the Bid Price, pursuant to Clause 26;
- (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 document, the conditions of contract (including mobilisation advance or time for completion), basic technical specifications as indicated in the drawing and specifications. Conditional offer or alternative offers shall 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 submit one set of the Technical bid and two set of Financial bid (original and copies) comprising of the documents as described in clause 12 of ITB.
- 18.2 The Bid shall be typed or written in indelible ink and shall be signed by a person or persons authorized to sign on behalf of the Bidder, pursuant to Sub-Clause 4.3. All pages of the bid or amendments have been made shall be initialed by the person or persons signing the bid. A certificate of corrections must be given by the employer.
- 18.3 The Bid shall contain no alterations or additions, except those to comply with instructions issued by the Employer, 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.eproc.bihar.gov.in)

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

19. Sealing and Marking of Bids

- 19.1 The Bidder shall place three separate envelopes (called as inner envelopes) which shall be marked as technical bid and two envelope as Financial bid in duplicate. Inside one outer envelope marked "Technical Bid" and "Financial Bid" will have additional markings as follows:
- Technical Bid : To be opened as per NIT (date of Technical Bid opening) in the presence of Evaluation Committee, or authorized person. (Only on Website : www.eproc.bihar.gov.in)
 - Financial Bid: Not to be opened except with the approval of Evaluation Committee. (Only on Website : www.eproc.bihar.gov.in)

The contents of Technical and Financial Bids will be as specified in clause 19.1 and 19.2.

- 19.2 The inner, outer and separate envelopes containing Technical and Financial Bids shall
- (a) be addressed to the Employer at the address given in Appendix
 - (b) bear the identification no of contract as indicated in Appendix.
 - (c) provide a warning not to open before the specified time and date for bid opening as per ITB.
- 19.3 In addition to the identification required in Sub-Clause 19.1 and 19.2, each of the envelopes shall indicate the name and address of the bidder to enable the bid to be returned unopened if declared late, pursuant to Clause 21, or if Evaluation Committee declares the bid as non-responsive pursuant to Clause 23.

- 19.4 If the outer envelope is not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the bid.
- 20. Deadline for Submission of the Bids(Only on Website : www.eproc.bihar.gov.in)**
- 20.1 Complete Bids (including Technical and Financial) must be received by the Employer at the place specified above not later than the date indicated in appendix. In the event of the specified date of submission of bids have declared a holiday for the Employer, the Bids will be received up to the appointed time on the next working day.
- 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 shall be subject to the original deadline will then be subject to the new deadline.
- 21. Late Bids**
- 21.1 Any Bid received by the Employer after the deadline prescribed in Clause 20 will be rejected and not opened to the bidder.

E. BID OPENING AND EVALUATION (Only on Website : www.eproc.bihar.gov.in)
(SI.No. 22 To 27.5, All Process shall be done through e-tendering Process)

22. Bid Opening

- 22.1 The Employer or their authorized representative will open all the Bids received (except those received late), in the presence of the Bidders or their representatives who choose to attend at time, date and place specified in Appendix in the manner specified in Clause 20 and 22.3. In the event of the date of Bid opening being declared a holiday for the Employer, the Bids will be opened at the appointed time and location on the next working day. Even in the case of absence of the bidder at the opening of bids, department will proceed ahead with the opening.
- 22.2 If any of the tenderers or their agents are not present at the time of opening, the employer will proceed with the tender in their absence and prepare a statement and that will be binding on the absent tenderers.
- 22.3 The envelope containing "Technical Bid" shall be opened. The amount, form and validity of the bid security money furnished with each bid will be announced. If the bid security furnished does not conform to the amount and validity period as specified in the Invitation for Bid (ref. Column 4 and paragraph 3), and has not been furnished in the form specified in Clause 16, the remaining technical bid and the financial bid will be returned to the bidder.
- 22.4 (i) Subject to confirmation of the bid security by the issuing Bank, the bids accompanied with bid security will be taken up for evaluation with respect to the Qualification Information and the 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 At the time of opening of "Financial Bid", the names of the bidders found responsive in accordance with Clause 23.4(iv) will be announced. The bids of only these bidders will be opened. The remaining bids will be returned to the bidders unopened. The names of the bidders whose bids are not responsive will be announced.

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

22.7 The Employer shall prepare minutes of the Bid opening, including the information disclosed, and the minutes shall be 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 the recommendations for the award of a contract shall not be disclosed to Bidders or any other person officially concerned with such process until the award to the successful Bidder has been announced. Any effort by a Bidder to influence the Employer'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, the Employer 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 correctness of the arithmetic errors discovered by the Employer in the evaluation of the Bids in accordance with Sub-Clause 24.2.

24.2 Subject to sub-clause 24.1, no Bidder shall contact the Employer on any matter relating to the bid after the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring any matter to the attention of the Employer, it should do so in writing.

24.3 Any effort by the Bidder to influence the Employer in the Employer'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", the Employer 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 determined with respect to the remaining bid conditions, i.e., priced bill of quantities, 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, the rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect 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 the Employer, and it shall not subsequently be made responsive by correction or withdrawal of the non-conforming reservation.

26. Correction of Errors

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

(a) where there is a discrepancy between the rates in figures and in words, the rate in words shall govern.

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

26.2 The amount stated in the "Financial Bid" will be corrected by the Employer in accordance with the following 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 'contract 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 '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** The Employer 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, the Employer 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 an appropriate adjustments for any other acceptable variations, deviations.
- 27.3** The Employer 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 the Employer 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, the Employer may require the Bidder to submit detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the consistency of those prices with the construction methods and schedule proposed. After evaluating the price analyses, the Employer 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 the Employer 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, the Employer 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 as 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 his evaluated bid price, even if the said bid is the lowest evaluated bid. The contract will in such case be awarded to the next lowest bidder at his evaluated bid price.

29. Employer's Right to Accept any Bid and to Reject any or all Bids

Notwithstanding Clause 28, the Employer reserves the right to accept or reject any Bid, and to continue the Bidding process and reject all Bids, at any time prior to the award of Contract, without incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidders of the ground for the Employer'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 the Employer prior to

Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract "Contract Price").

30.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of performance security in accordance with the provisions of Clause 31.

30.3 The Agreement will incorporate all agreements between the Employer and the successful Bidder. The Agreement shall be signed by the Employer 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 provide to the Employer a Performance Security in any of the forms given below for an amount equivalent to the Contract price including earnest money plus additional security for unbalanced Bids in accordance with the Clause 29.5 of ITB and the provisions of Bihar Financial Rules.

31.2 If the performance security is provided by the successful Bidder in the form of an Bank Guarantee, the fixed deposit receipts in the name of Employer, it shall be issued either (a) at the Bidder's option in a Nationalized/ Scheduled Indian bank within state or (b) acceptable to the Employer.

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 The Employer 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 The Employer 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 the firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the Corporation (BSEIDC) and 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 33.1 of the General Conditions of Contract.

Pratap

G. APPENDIX to ITB

Clause Reference with respect to Section-I.

1. Name of the Employer—Managing Director, BSEIDC, Patna. [
2. The last five years means for this tender
2009 - 2010
2010 - 2011
2011 – 2012
2012 – 2013
2013 – 2014.
3. The required annual financial turn over amount is Rs. 216.71 Lac (Rupees Two Crore Sixteen Lac Seventy One Thousand Only) [C]
4. Required minimum value of one similar work is Rs. 108.36 Lac (Rupees One Crore Eight Lac Thirty Six Thousand Only). [C]
5. Required minimum quantities of work executed are:- as prescribed in the relevant clause. [C]
6. The cost of electric work is :-
7. The cost of water supply/ sanitary works is :-
8. Liquid assets and/or availability of credit facilities is 10% of Estimated Cost. [C]
9. Price level of the financial year _____ [
10. The pre-bid meeting will take place : As Per NIT. [C]
11. The technical bid will be opened THROUGH WEBSITE Only Website :
www.eproc.bihar.gov.in

12. Address of the Employer : Managing Director, BSEIDC, Patna.
13. Identification:
Bid for : RENOVATION OF BUILDING ,AT S.R.P.S. GOVT. H/S. GARDANIBAG
Bid reference No. : 08 , Year : 2014-15
Do not open before : As Per NIT / CORRIGENDUM
14. Bids may be submitted only in Percentage Rate Method.
15. Schedule of rate applicable for Percentage Rate Method is S.O.R., BCD, Effective from: 11.08.2013 & DSR (CIVIL&ELECTRICAL) 2013.
16. The bid should be submitted latest by Date : As Per NIT
17. The bid will be opened through Web Site : [/www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in)
18. The Cost of BOQ & Cost of Earnest money : As Per NIT.
19. Escalation factors (for the cost of works executed and financial figure to a common base value for works completed)
- | Year before | Multiply factor |
|-------------|-----------------|
| One | 1.1 |
| Two | 1.21 |
| Three | 1.33 |
| Four | 1.46 |
| Five | 1.61 |
20. Bids will be submitted in Percentage Rate .



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 (Years)	Road Contract Package Size **			
			Within one crore	Rs. 1- 5 Crores	Rs. 5- 30 Crores	Rs. 31-50 Crores
1.	Motor Grader	5	As per the decision of Engineer-in-Charge concerned	1	1	3
2.	Dozer	5			1	1
3.	Front end Loader	5			1	2
4.	Smooth Wheeled Roller	5		1	2	2
5.	Vibratory Roller	5		1	1	1
6.	Fully Computerized Hot Mix Plant with Electronic Controls	5		1 (Min. 40-60 TPH capacity)	1 (Min 80-100 TPH capacity)	1 (Min 100-120 TPH capacity)
7.	Paver Finisher with Electronic Sensor	5		1 (Mechanical)	1	1
8.	Water Tanker	5		1	2	3
9.	Bitumen Sprayer	5-7		1	1	1
10.	Tandem Roller	5			1	2
11.	Concrete Mixes with Integral Weigh Batching facility	5		1 (Drum mixer)	1	1
12.	Concrete Batching and Mixing Plant (Minimum Capacity – 15m ³ /hour)	5			-	-
	Total -			8	13	18

* To be decided by Employer before floating the tender.

** On the basis of nature of Construction work list of key plant & Equipments will be decided.

*** Life of machine minus two years or 5 years on which ever is more.

List of Key Personnel to be deployed on Contract Work

[Reference Cl. 4.5(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. 50 Crores and above
1.	Project Manager	B.E. Civil + 10 Years Exp. (5 years as Manager) or retired E.E.					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.
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.
4.	Quantity Surveyor	B.E. Civil + 05 Years Exp. or Dip. Civil + 07 Years Exp.						1 No.
5.	Soil & Material Engineer	B.E. Civil + 07 Years Exp.						1 No.
6.	Survey Engineer	B.E. Civil + 03 Years Exp. or Dip. Civil + 05 Years Exp.						1 No.
7.	Site Supervisor or	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.
	Total			1	2	3	5	1

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

[Handwritten signature]

SECTION 2
QUALIFICATION INFORMARION
(to be filled in by Bidder)


```
years : **
```

Year	Name of the work	Name of the Employer*	Quantity of work performed (cum) @ Remarks						
			Cement Concrete (including RCC & PCC)	Masonry	Earth works	WBM	WMM	Bituminous Work	R (con
200__200__									
200__200__									
200__200__									
200__200__									
200__200__									

Information on Bid Capacity (works for which bids have been submitted and works w
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.

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
1	2	3	4	5	6	7

1.5 Availability of key items of Contractor's Equipment essential for carrying out the Work [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.

[illegible]

Ram Pratab

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 of instructions to Bidders and Sub Clause 9.1 of the Conditions of Contract.

Position	Name	Qualification	Year of Experience (General)	Years of experience the proposed position
Project Manager				
Etc.				

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

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 statement

1.9 Evidence of access to financial resources to meet the qualification requirements: 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 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 short Sta

1.12 Statement of compliance under the requirements of Sub Clause 3.2 of the instructions to the 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 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

** 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
Rs. _____ to meet their working capital requirements for executing
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 the 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 work in any government department, India nor any contract awarded to us for such work 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 Department to this statement or regarding my (our) competence and general reputation.
4. The undersigned understand and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Department or Project implementing agency.
5. If the work is allotted to me or my firm, I/we will arrange the required fund and submit a work program for timely completion of the work.
6. I/we will invest a minimum of cost up to 25% of contract value of work during implementation of contract.

(Signed by an Authorized Officer of the Firm)

Title of Officer

Name of Firm

DATE

Pratap

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 w
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

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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 (Form-) or item rate tender (Form -)
2. Form -, 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 (Form -) and Schedules A to F.
4. Authority approving the Notice Inviting Tender (NIT) shall fill up all the blanks in Form -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 proforma 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.

Pratap

BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
(A Govt. Of Bihar UNDERTAKING)

Form

NOTICE INVITING TENDER

contractor State RCD/BCD/ other State P.W.D. & Central Government / PSU or any Agency of National
International repute

I of Tender to any Contractor registered with Central Government/any State Government / State RCD/BCD
any PSU or an agency of International / National repute may be submitted without the registration with
Corporation. However, registration with the Corporation will be essential after issue of L.O.A.

- (b) 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 issue of letter of acceptance).t / other State PWD / CPWD Contractor will
provide definite proof from appropriate authority for tools & Plant and Undertaking to instal
on works site after getting letter of acceptance

2. Agreement shall be drawn with the successful tenderer on prescribed Form No. BSEIDC-2
Tenderer shall quote his rates as per various terms and conditions of the said form which will form
part of the agreement.
5. The time allowed for carrying out the work will be from
..... day after the date of written orders to commence the work or from the
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. Receipt of applications for issue of forms will be stopped by 1500 Hrs. days before the date fixed for
opening of tenders. Issue of tender forms will be stopped day before the date fixed for opening
of tenders or as mentioned in press Notice.

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
contractor whose tender may be accepted and other necessary documents can be seen in the office
of the between hours of 11.00 A.M. & 03.00 P.M. from
..... to everyday except on Sundays
and Public Holidays. Tender documents, excluding standard form, will be issued from his office
during the hours specified above, on payment of the following :-

- i) Rs. in as cost of tender.
- ii) Earnest Money of Rs. as mentioned in Bihar Financial
Rule . Nationalised/dinstate. (

up to 03.00 P.M. on and will be opened by him or his authorized representative in his office on the same day at 03.30 P.M.

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. F, bank guarantee is acceptable.
10. The description of the work is as follows:-----
Copies of other drawings and documents pertaining to the works will be open for inspection by all tenderers at the office of the above-mentioned officer.

* as applicable

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 circumstances which may influence or affect their tender. A tenderer shall be deemed to have acquired knowledge of the site whether he inspects it or not and no extra charges consequent on such 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 workmen 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 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. The Corporation 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 tenders submitted by such contractors who resort to canvassing will be liable to rejection.
12. The competent authority on behalf of the Corporation reserves to himself the right of accepting or rejecting whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
13. The contractor shall not be permitted to tender for works in the Corporation in which his near relative is posted as officer in any capacity. 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 of the contractor to the gazetted officer in the Corporation. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of the corporation.
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 prior written 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 contractor's service.
15. The tender for the works shall remain open for acceptance for a period of days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or before the issue of the tender acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the Corporation, then the Corporation shall, without prejudice to any other right or remedy, be at liberty to forfeit % of the said earnest money as aforesaid. 6. The

BSEIDC, Patna **RENOVATION OF BUILDING , OF S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA IN BIHAR. (SBD)**

Corporation has right to cancel or postpone any work without giving any notice or clarification.17.
Corporation may add or delete any of the condition required for execution of any work.18This No
Inviting Tender shall form a part of the contract document. The Authority, shall the and of by
successful tenderer contractor.

Signature the Competent Authority

.....

For & on behalf of the Corporation

**BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
(A GOVT. OF BIHAR UNDERTAKING)**

Form-

Percentage Rate Tender & Contract for Works

(A) Tender for the work of :-

(i) To be submitted by

(ii) To be opened

Signature of officer issuing the documents

Designation

Date of issue

T E N D E R

I/We have read and examined the notice inviting tender, schedule, A,B,C,D,E & F. Specification applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clause contract, Special conditions, Schedule of Rate & other documents and Rules referred to in 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 Bihar State Educational Infrastructure Development Corporation Ltd.. 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 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 days from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of Rs2,06,200.00(Rupees Two Lacs Six Thousand Two Hundred Only) has been deposited as guarantee of a Nationalised / scheduled bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the competent Authority of the Corporation or his successors in office shall without prejudice to any other right or remedy, be

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 the limit at the rates to be determined in accordance with the provision contained in Clause 12.2.3 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 Corporation.

Dated

Signature of Contractor
Postal Address

Witness :

Address :

Occupation :

ACCEPTANCE

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

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

- a)
- b)
- c)

For & on behalf of the Bihar State Educational Infrastructure Development Corporation Ltd.

Signature .of the competent Authority.....

Designation of the competent Authority.....

Dated

Pradeep

[Signature]



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 authorised by the partners, it must be signed on behalf of the firm by a person holding the requisite authorisations, such authorisations 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 authorised signatory of the firm.

4. Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work, but contractors who wish to tender two or more works shall submit separate tenders for each; with the nature and number of works to which they refer on the envelope.

The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and less and considering more than fifty paise as rupee one.

- 4A. In case of Percentage Rate Tenders, tenderer shall fill up the usual printed form, stating at what percentage below/above (in figures as well as in words) the total estimated cost given in Schedule of Quantities at Schedule- A, he will be willing to execute the work Tenders, which propose any alteration in the work specified in the said form of invitation tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number

**Applicable for
Item Rate
Tender only
(Form- 3)**

**Applicable for
Percentage
Rate Tender
only
(Form- 2)**

the contract that the deductions or additions, as the case may be of the percentage will be calculated on the gross, and not the net amounts of the bills for work done and in fixing the percentage it should be borne in mind that the calculations will be made

5. The officer inviting tender or his duly authorized assistant, will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amount of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money forwarded thereon shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule 1. In the event of a tender being rejected, the earnest money forwarded with such an unaccepted tender shall thereupon be returned to the contractor remitting the same without any interest.
6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
7. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as an acknowledgment or payment to the officer inviting tender and contractors shall be responsible for seeing that he procures a receipt signed by the office inviting tender or a duly authorized person.
8. The memorandum of work tendered for and the schedule of materials to be supplied by the department and their issue-rates, shall be filled and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.
9. For works of sensitive nature the tenderers shall sign a declaration under the Official Secrets Act 1923, for maintaining secrecy of the tender documents drawing or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawing given to them.
10. In the case of Item Rate Tenders, only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy if any discrepancy found or the rates which correspond with the amount worked out of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount.
- 10A. In case of Percentage Rate Tenders only percentage quoted shall be considered. Any tender containing item rates is liable to be rejected. Percentage quoted by the contractor in percentage rate tender shall be accurately filled in figures and words so that there is no discrepancy. However if the contractor has worked out the amount of the tender and if any discrepancy is found in the percentage quoted in words and figures, the percentage which corresponds with the amount worked out by the contractor shall, unless otherwise proved, be taken as correct. If the amount of the tender is not worked out by the contractor or it does not correspond with the percentage written either in figures or in words then the percentage quoted by the contractor in words shall be taken as correct. Where the percentage quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the percentage quoted by the contractor will, unless otherwise proved, be taken as correct and not the amount.

Applicable for
Item Rate
Tender only
(Form- 3)

Applicable for
Percentage
Rate Tender
only (Form- 2)

**Applicable for
Item Rate
Tender only
(Form- 3)**

11. In the case of any tender where unit rates of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.
12. 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.

**Applicable for
Percentage
Rate Tender
only (Form- 2)**

- 12A. In Percentage Rate Tender, the tenderer shall quote percentage below/above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. 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 at the end.

The Quoted rate less than x % below the BOQ cost will be unworkable and bid will be rejected where x = 10 %; if materials will not be issued by the employer. And if materials will be issued by the employer then

$$X = (A - B) / A \times 10 \%$$

Where A = BOQ Cost

B = Cost of materials stipulated to be issued by the employer.

13. (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 or Bank guarantee from any Nationalised / 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
14. 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.
15. 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.
16. The contractor shall give a list of both gazetted and non-gazetted BSEIDC employees related to him posted in the division, if any.

18. The tender for composite work includes in addition to building work all other work such as sanitary and water supply installations drainage installation, electrical work, horticulture work, roads and paths etc. The tenderer apart from being a registered contractor (B&R) of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply drainage, electrical and horticulture works in the composite tender.
19. The contractor shall submit list of works which are in hand (progress) in the following form:-

Name of Work	Name of Particular of Div. where work is	Value of Work	Position of work in Progress	Remarks
1	2	3	4	5

20. The contractor shall comply with the provisions of the Apprentices Act 1961, and the 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 / competent Authority of the Bihar State Educational Infrastructure Development Corporation Ltd. 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.
- on behalf*

CONDITIONS OF CONTRACT

- Definitions :**
1. The contract means the document forming the tender and acceptances thereof and formal agreement executed between the competent authority on behalf of the Bihar State Educational Infrastructure Development Corporation Ltd. and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time form 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 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 incorporated 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 or 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 on behalf of the Bihar State Educational Infrastructure Development Corporation Ltd. as mentioned in Schedule 'F' hereunder.
 - v) Corporation shall mean the Bihar State Educational Infrastructure Development Corporation Ltd..
 - vi) Excepted Risk are risks due to riots (other than those on account of contract 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 to show that he has taken all due precautions to avoid / or minimise any adverse after / damage from the above or causes solely due to use or occupation of 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 Corporation 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 Corporation 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

- xii) A sub contractor is a person or corporate body who has a contract with contractor to carry out a part of the construction work in the contract, which involves work on the site.
- xiii) Temporary works are works designed, constructed, installed and removed by 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 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 release of the tender.
- xvi) Corporation means Bihar State Educational Infrastructure Development Corporation Limited, which invite tenders on behalf of Competent Authority of Corporation specified in schedule 'F'.
- xvii) Specifications means the specifications followed by relevant department of Government of India / State Government.
- xviii) Tender value means the value of the entire work as stipulated in the letter award.

Scope and Performance

- 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.
- 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 or 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 that of the contract.

Works to be carried out :

The work to be carried out under the Contract shall, except as otherwise provided in the 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 works aforesaid in accordance with good practice and recognized principles.

Sufficiency of Tender

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.

Discrepancies and Adjustment of Errors

- 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 drawings, figured dimensions in preference to scale and special conditions in preference to General Conditions.
- 8.1 In the case of discrepancy between the schedule of Quantities, the Specifications and 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) MORT & H 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 contract, the Accepting Authority shall be the deciding authority with regard to 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 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 agreement consisting of :-

- i) the notice inviting tender, all the documents including drawings, if any, forming 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.
- iii) Drawing.

CLAUSE OF CONTRACT

CLAUSE 1

Performance Guarantee

- (i) The contractor shall submit an irrevocable PERFORMANCE GUARANTEE of (Two percent) of the tendered amount including earnest money in the shape 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 under 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 M.O. 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 Rupee one Crore).
- (ii) The performance Guarantee shall be initially valid up to 28 days beyond the completion of liability.
- (iii) The Engineer-in-Charge shall not make a claim under the Performance guarantee except for amounts to which the Corporation is entitled under the contract agreement (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 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 the Corporation 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 the Engineer-in-Charge.
 - (c) Failure by the contractor to rectify any defects as defined in the defect list 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 the clause/condition of the agreement, the performance guarantee shall be forfeited in full and shall be absolutely at the disposal of the Governor of Bihar.

CLAUSE 1 A

Recovery of Security Deposit

The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit the Corporation 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 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, the 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 him may become due to the contractor by the Corporation on any account whatsoever. In the event of his Security Deposit being reduced by reason of any such deductions as aforesaid, the contractor shall within 10 days make good in cash or fixed deposit with the Corporation (tendered by the State Bank of India or by Scheduled Banks or Government Securities deposited for more than 12 months) endorsed in favour of the Engineer-in-Charge. The sum or sums which may have been deducted from, or raised by sale of his security

or any part thereof. The security deposit shall be collected from the running bills of contractor at the rates mentioned above and the earnest money at the time of tenders 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 shall, without prejudice to any other right or remedy available under the law to Government / Corporation on account of such breach, pay as agreed compensation amount calculated at the rates stipulated below as the Superintending Engineer / Consultant (Technical) (whose decision in writing shall be final and binding) may decide 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.

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 Corporation. In case, the contractor fails to 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. 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 to 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 provided in 'Schedule F'.

CLAUSE 3

- 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 unworkman 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 the creditor shall be appointed or if circumstances shall arise which entitle the court to appoint 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 complete the work by the date of completion and continues to do so after giving 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 of completion and does not complete them within the period specified in a notice 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 hereof:
- vii) If the work is not started by the contractor within 1/8th of the stipulated time subject to a maximum of 45 days.

When the contractor has made himself liable for action under any of the aforesaid, the Engineer-in-Charge on behalf of the Corporation shall have power to:

- a) To determine or rescind the contract as aforesaid (of which termination or rescission notice in writing to the contractor under the hand of the Engineer-in-Charge shall be conclusive evidence). Upon such determination or rescission the Earnest Money Deposit, Security Deposit already recovered and the Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the Corporation.
- b) After giving notice to the contractor to measure up the work of the contract and to take such whole, or the balance or part thereof as shall be unexpired out of his hands and to give it to another contractor to complete the work of the contract, whose contract is determined or rescinded as above, shall 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 on account of 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 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.

P. Sub

CLAUSE 3A

In case, the work cannot be started due to reasons not within the control of the contractor as decided by the Employer within 1/4th of the stipulated time for completion of work, either party may close the contract. In such eventuality, the Earnest Money deposit and 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 Superintending Engineer / Chief Consultant (Technical) 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 at the final determination of the Engineer-in-Charge) all or any tools, plant, materials, 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 rates 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 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 the Schedule 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, the Corporation 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 Employer. 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 the

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 Employer to supply or
- vi) non-availability or break down of tools and Plant to be supplied or supplied by Employer 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 three 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 of time 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 Corporation. The contractor shall establish at his own cost at suitable points, additional reference points 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 benchmarks and reference lines.

CLAUSE 5A

The Engineer may require the contractor to attend a progress review meeting during the 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 requirement 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 the 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 performed under 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 least 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 of 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 Corporation 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 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 such standard is available then a mutually agreed method as approved by the Corporation 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 measurement 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 by the contractor or his authorized representative and the Engineer-in-Charge or his representative 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 the same relates nor shall it relieve the contractor from liability for any deficiency in the work.

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. If 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 record measurements on the format of the Corporation 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 the 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 has been achieved. The Engineer-in-Charge shall arrange to have the bill verified by taking measurements 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 cause to be prepared such bills in which event no claims whatsoever due to the contractor on account of 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 certify 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 materials issued by the Corporation, 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 the 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 a subsequent such certificate(s) or by the final certificate and shall not by itself constitute 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 or 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 Corporation to take action under the terms of this contract for delay in 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 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, etc.

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 on 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 realised 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 Plans 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 Superintending Engineer/Chief Consultant(Technical) concerned and in this respect the decision of the Superintending Engineer/ Chief Consultant (Technical) 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.

CLAUSE 9 A**Payment of
Contractor's
Bills to
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 authorisation in the form of a legally valid document such as a power of 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 Corporation or his signature on the bill or other claim preferred against Corporation 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.

CLAUSE 10**Materials
supplied by
Corporation**

Materials which the Corporation will supply in rare case are shown in schedule which also stipulates quantum, place of issue and rate(s) to be charged in respect thereof. The contractor shall be bound to procure them from the Engineer-in-Charge.

As soon as the work is awarded, the contractor shall finalise the programme for the completion of work as per clause 5 of this contract and shall give his estimates of materials required on the basis of drawings/or schedule of quantities of the work. The Contractor shall give in writing his requirement to the Engineer-in-Charge which shall be issued to him keeping in view the progress of work as assessed by the Engineer-in-Charge, in accordance with the agreed phased programme of work indicating monthly requirements of various materials. The contractor shall place his indent in writing for issue of such materials at least 7 days in advance of his requirement.

Such materials shall be supplied for the purpose of the contract only and the value of the materials so supplied at the rates specified in the aforesaid schedule shall be set off or deducted, as and when materials are consumed in items of work (including normal wastage) for which payment is being made to the contractor, from any sum then due to which may therefore become due to the contractor under the contract or otherwise from the security deposit. At the time of submission of bills the contractor shall certify that balance of materials supplied is available at site in original good condition.

The contractor shall submit along with every running bill (on account or interim bill) material wise reconciliation statements supported by complete calculations reconciling total issue, total consumption and certified balance (diameter/section-wise in the case of steel) and resulting variations and reasons therefore. Engineer-in-Charge shall (whose decision shall be final and binding on the contractor) be within his rights to follow the procedure of recovery in clause 42 at any stage of the work if reconciliation is not found to be satisfactory.

The contractor shall bear the cost of getting the material issued, loading, transporting to site, unloading, storing under cover as required, cutting assembling and joining several parts together as directed by the engineer-in-charge. Notwithstanding anything to the contrary contained in any other clause of the contract and (or the PWD Code), stores/materials so supplied to the contractor or procured with the assistance of the Corporation shall remain the absolute property of the Corporation and the contractor shall be the trustee of the stores/materials, and the said stores/materials shall not be removed/disposed off from the site of the work on any account and shall be at all times open to inspection by the Engineer-in-Charge or his authorized agent. Any stores/materials remaining unused shall be returned to the Engineer-in-Charge in good condition in which they were originally supplied at a require, but in case of

decided not to take back the stores/materials the contractor shall have no claim for compensation on any account of such stores/materials so supplied to him as aforesaid and not used by him or for any wastage in or damage to in such stores/materials.

On being required to return the stores/materials, the contractor shall hand over the stores/materials on being paid or credited such price as the Engineer-in-Charge shall determine, having due regard to the condition of the stores/materials. The price allowed for credit to the contractor, however, shall be at the prevailing market rate not exceeding the amount charged to him, excluding the storage charge, if any. 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 the throwing himself open to account for contravention of the terms of the licences or permit and/or for criminal breach of trust, be liable to the Corporation for all advantages or profits resulting or which in the usual course would have resulted to him by reason or such breach. Provided that the contractor shall in no case be entitled to any compensation or damages on account of any delay in supply or non-supply thereof all or any such materials and stores provided further that the contractor shall be bound to execute the entire work if the materials are supplied by the Corporation within the original scheduled time for completion of the work plus 50% thereof or schedule time plus 6 months whichever is more if the time of completion of work exceeds 12 months but if a part of the materials only has been supplied within the aforesaid period then the contractor shall be bound to do so much of the work as may be possible with the materials and stores supplied in the aforesaid period. For the completion of the rest of the work, the contractor shall be entitled to such extension of time as may be determined by the Engineer-in-Charge whose decision in this regard shall be final and binding on the contractor.

The contractor shall see that only the required quantities of materials are got issued. Any such material remaining unused and in perfectly good/original condition at the time of completion or determination of the contract shall be returned to the Engineer-in-Charge at the stores from which it was issued or at a place directed by him by a notice in writing. The contractor shall not be entitled for loading, transporting, unloading and stacking of such unused material except for the extra lead, if any involved, beyond the original place of issue. Quantities issued in excess of requirement with respect to work done and not returned back to the department, recovery will be made of double of issue rate.

CLAUSE 10 A

**Materials to
be provided
by the
Contractor**

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 Corporation.

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 is completed.

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 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 specification. 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 10 B

Secured Advance on Non-perishable Materials

- i) The contractor, on signing an indenture in the form to be specified by the Engineer-in-Charge, shall be entitled to be paid during the progress of execution of the work up to 75% of the assessed value of any materials which in the opinion of the Superintending Engineer / Chief Consultant (Technical) of Corporation nonperishable, non-fragile and noncombustible and are in accordance with the contract and on the site in connection therewith and adequately stored and/or protected against damage by weather or other causes but which have not at the time of advance been incorporated in the works. Within materials on account of which advance has been made under this sub-clause incorporated in the work the amount of such advance shall be recovered/deducted from the next payment made under any or the clause or clauses of this contract.
- ii) Mobilization advance not exceeding 10% of the tendered value may be given requested by the contractor in writing within one month of the order to commence the work. In such a case the contractor shall execute a Bank Guarantee/ Bank from a Scheduled Nationalised Bank as specified by the Engineer-in-Charge the full amount of such advance before it is released. Such advance shall be in two or more installments to be determined by the Engineer-In-charge at his absolute discretion. The first installment of such advance before shall be released by the Engineer-in-Charge to the contractor on a request made by the contractor to the Engineer-in-Charge in this behalf. The second and subsequent installments shall be released by the Engineer-in-Charge only after the contractor furnishes proof of the satisfactory utilisation of the earlier installment to the satisfaction of the Engineer-In-Charge.

Plant & Machinery & Shuttering Material

- iii) An advance for plant machinery required for the work and brought to site by the Contractor may be given if requested by the contractor in writing within one month of bringing such plant and machinery to site. Such advance shall be given on security of plant and machinery which in the opinion of the Engineer-in-Charge will add to the

expeditious execution of work and improve the quality of work. The amount of advance shall be restricted to 5% of the tender value. In the case of new plant and equipment to be purchased for the work the advance shall be restricted to 85% of the price of such new plant and equipment paid by the contractor for which the contractor shall produce evidence satisfactory to the Engineer-in-Charge and approval from Engineer-in-Charge. In the case of second hand and used plants and equipment, the amount of such advance shall be limited to 50% of the depreciated value of plant and equipment as may be decided by the Engineer-in-Charge. The contractor shall, if so required by the Engineer-in-Charge, submit the statement value of such old plant and equipment duly approved by a Registered Valuer recognized by the Central Board of Direct Taxes under the Income-Tax Act, 1961. No such advance shall be paid on any plant and equipment of perishable nature and on the plant and equipment of a value less than Rs. 50,000/- Seventy five percent of such amount of advance shall be paid after the plant & equipment is brought to site and balance twenty five percent on successfully commissioning the same only after approval from Engineer-in-Charge.

Leasing of equipment shall be considered at par with purchase of equipment and shall be covered by tripartite agreement with the following:

1. Leasing company which gives certificate of agreeing to lease equipment to the contractor.
2. Engineer in Charge, and
3. The contractor.

This advance shall further be subject to the condition that such plant and equipment (a) are considered by the Engineer-in-Charge to be necessary for the works; (b) and are in and are maintained in working order; (c) hypothecated to the Government as specified by the Engineer-in-Charge before the payment of advance is released. The contractor shall not be permitted to remove from the site such hypothecated plant and equipment without the prior written permission of the Engineer-in-Charge. The contractor shall be responsible for maintaining such plant and equipment in good working order during the entire period of hypothecation falling which such advance shall be entirely recovered in lump sum. For this purpose steel scaffolding and from work shall be treated as plant and equipment.

The contractor shall insure the Plant and Machinery for which mobilization advance is sought and given, for a sum sufficient to provide for their replacement at site. Any amounts not recovered from the insurer will be borne by the contractor.

Interest & Recovery

- iv) The mobilization advance and plant and machinery advance in (ii)&(iii) above bear simple interest and should be equal to the prevailing rate of interest charged by the bank as mentioned in contract date schedule 'F' and shall be calculated from the date of payment to the date of recovery, both days inclusive, on the outstanding amount of advance. Recovery of such sums advanced shall be made by the deduction from the contractor's bills commencing after first ten per cent of the gross value of the work is executed and paid, on pro-rata percentage basis to the gross value of the work billed beyond 10% in such a way that the entire

- v) If the circumstances are considered reasonable by the Engineer-in-Charge, period mentioned in (ii) and (iii) for request by the contractor in writing for grant mobilization advance and plant and equipment advance may be extended in discretion of the Chief Executive Officer.
- vi) The said bank guarantee for advances shall initially be made for the full amount and valid for the contract period, and be kept renewed from time to time to cover the balance amount and likely period of complete recovery together with interest.
- vii) Any materials including tools plants equipments etc brought to the site shall not be removed from the sites without the written permission of the Engineer-in-charge.

CLAUSE 10 C

**Payment on
Account of
Increase in
Prices/Wages
due to Statutory
Order(s)**

If after submission of the tender the price of any material incorporated in the works (not being a material supplied from the Engineer-in-Charge's stores in accordance with clause 10 thereof) and/or wages of labour increases as a direct result of the coming into force of any fresh law, or statutory rule or order (but not due to any changes in sales tax) and such increase in the price and/or wages prevailing at the time of the last stipulated date for receipt of the tenders including extensions if any for the work, and the contractor thereupon necessarily and properly pays in respect of that material (incorporated in the works) such increased price and/or in respect of labour engaged on the execution of the work such increased wages, then the amount of the contract shall accordingly be varied and provided further that any such increase shall not be payable if such increase has become operative after the stipulated date of completion of the work in question.

If after submission of the tender, the price of any material incorporated in the works (not being a material supplied from the Engineer-in-Charge's stores in accordance with clause 10 thereof) and/or wages of labour is decreased as a direct result of the coming into force of any law or statutory rules or order (but not due to any changes in sales tax) and such decrease in the prices and/ or wages prevailing at the time of receipt of the tender for the work. The Corporation shall in respect of materials incorporated in the works (not being materials supplied from the Engineer-in-Charge's stores in accordance with Clause-10 hereof) and/or labour engaged on the execution of the work after the date of coming into force of such law statutory rule or order be entitled to deduct from the dues of the contractor such amount as shall be equivalent to the difference between the prices of the materials and/or wages as prevailed at the time of the last stipulated date for receipt of tenders including extensions if any for the work and the price of materials and/or wages of labour on the coming into force of such law, statutory rule or order.

The contractor shall, for purpose of this condition, keep such books of account and other documents as are necessary to show the amount of any increase claimed or reduction available and shall allow inspection of the same by a duly authorised representative of the Corporation, and further shall, at the request of the Engineer-in-Charge may require any documents so kept and such other information as the Engineer-in-Charge may require.

The contractor shall, within a reasonable time of his becoming aware of any alteration in the price of any such material and/or wages of labour, give notice thereof to the Engineer-in-Charge stating that the same is given pursuant to this condition together with all information relating thereto which he may be in position to supply.

Handwritten signature/initials

CLAUSE 10 CA

**Payment on
Account of
Increase/decrease
in Prices of
construction
materials after
receipt of
tender.**

If after submission of the tender, the price of cement or steel reinforcement bars bitumen incorporated in the works (not being a material supplied from the Engineer-in-Charge's stores in accordance with Clause 10 thereof) increase(s) beyond the price(s) prevailing at the time of the last stipulated date for receipt of tenders (including extensions, if any) for the work, then the amount of the contract shall accordingly be varied and provided further that any such increase shall not be payable if such increase has become operative after the stipulated date of completion of work in question.

If after submission of the tender, the prices of cement and/or steel reinforcement bars bitumen incorporated in the works (not being a material stipulated from the Engineer-in-Charge's stores in accordance with the Clause 10 thereof) is decreased, Corporation shall in respect of these materials incorporated in the works (not being materials supplied from the Engineer-in-Charge's stores in accordance with Clause 10 thereof) be entitled to deduct from the dues of the contractor such amount as shall be equivalent to the difference between the prices of Cement and/or Steel reinforcement bars/ bitumen as prevailed at the time of last stipulated date for receipt of tenders including extensions, if any for the work and the prices of these materials on the coming into force of such base price of cement and/or steel reinforcement bars/ bitumen issued under authority of Schedule of Rate Committee.

The increase/decrease in prices shall be determined by the All India Wholesale Price Indices for Cement and Steel (bars and rods) as published by Economic Advisor to Government of India, Ministry of Commerce and Industry and base price for cement and/or steel reinforcement bars / bitumen as issued under authority of Schedule of Rate Committee as valid on the last stipulated date of receipt of tender, including extension if any and for the period under consideration.

The amount of the contract shall accordingly be varied for cement or steel reinforcement bars / bitumen and will be worked out as per the formula given below:-

Adjustment for cement component

- (i) Price adjustment for increase or decrease in the cost of cement procured by the contractor shall be paid in accordance with the following formula:

$$V_0 = 0.85 \times P_c / 100 \times R \times (C_1 - C_0) / C_0$$

V_0 = increase or decrease in the cost of work during the month under consideration due to changes in rates for cement.

R = Value of the work.

C_0 = The all India wholesale price index for cement on 28 days preceding the date of opening of Bids as published by the Ministry of Industrial Development, Government of India, New Delhi.

C_1 = The all India average wholesale price index for cement for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi.

P_c = Percentage of cement component of the work.

Adjustment for Steel component

V_s = Increase or decrease in the cost of work during the month under consideration due to changes in the rates for steel.

S_0 = The all India wholesale price index for steel (Bars and Rods) on 28 days preceding the date of opening of Bids as published by the Ministry of Industrial Development, Government of India New Delhi.

S_1 = The all India average wholesale price index for steel (Bars and Rods) for the month under consideration as published by Ministry of Industrial Development, New Delhi.

P_s = Percentage of Steel component of the work.

Note : For the application of this clause, index of Bars and Rods has been chosen to represent steel group.

Adjustment of bitumen component

(iii) Price adjustment for increase or decrease in the cost of bitumen shall be made in accordance with the following formula:

$$V_b = 0.85 \times P_b / 100 \times R \times (B_1 - B_0) / B_0$$

V_b = Increase or decrease in the cost of work during the month under consideration due to changes in rates for bitumen.

B_0 = The office retail price of bitumen at the IOC depot at nearest center for 28 days prior to date of opening of Bids.

B_1 = The official retail price of bitumen of IOC depot at nearest center for 15th day of the month under consideration.

P_b = Percentage of bitumen component of the work.

CLAUSE 10 CC

Payment due to increase / Decrease in Prices / Wages after receipt of tender (Time of completion more than 18 months)

Contract price shall be adjusted for increase or decrease in rates and price of materials, fuels and lubricants in accordance with the following principles and procedure and as per formula given in the contract data :

(a) The price adjustment shall apply for the work done from the start date given in contract data upto end of the initial intended completion date or extended period granted by the Engineer and shall not apply to the work carried out beyond the stipulated time for reasons attributable to the contractor.

(b) Following expressions and meanings are assigned to the work done during the month:

R = Total value of work done during the month. It would include the amount secured advance granted, if any, during the month, less the amount secured advance recovered, if any during the month. It will exclude the amount for works executed under variations for which price adjustment is worked separately based on the terms mutually agreed.

(c) To the extent that full compensation for any rise or fall in costs to the contractor is not covered by the provisions of this or other clauses of the contract, the unit rates and prices included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs.

The formula (e) for adjustment of prices are:

Adjustment for labour component

(i) Price adjustment for increase or decrease in the cost due to labour shall be made in accordance with the following formula:

$$V_L = 0.85 \times P_1/100 \times R \times (L_1 - L_0)/L_0$$

V_L = increase or decrease in the cost of work during the month under consideration due to changes in rates for local labour.

L_0 = the consumer price index for industrial workers for the State on 28 days preceding the date of opening of Bids as published by Labour Bureau, Ministry of Labour, Government of India.

L_1 = The consumer price index for industrial workers for the State for the month under consideration as published by Labour Bureau, Ministry of Labour, Government of India.

P_1 = Percentage of labour component of the work.

Adjustment for cement component

(ii) Price adjustment for increase or decrease in the cost of cement procured by contractor shall be paid in accordance with the following formula:

$$V_0 = 0.85 \times P_0/100 \times R \times (C_1 - C_0)/C_0$$

V_0 = increase or decrease in the cost of work during the month under consideration due to changes in rates for cement.

C_0 = The all India wholesale price index for cement on 28 days preceding the date of opening of Bids as published by the Ministry of Industrial Development, Government of India, New Delhi.

C_1 = The all India average wholesale price index for cement for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi.

P_c = Percentage of cement component of the work.

Adjustment for Steel component

(iii) Price adjustment for increase or decrease in the cost of steel procured by Contractor shall be paid in accordance with the following formula:

$$V_s = 0.85 \times P_s/100 \times R \times (S_1 - S_0)/S_0$$

V_s = Increase or decrease in the cost of work during the month under consideration due to changes in the rates for steel.

S_0 = The all India wholesale price index for steel (Bars and Rods) on 25 days preceding the date of opening of Bids as published by the Ministry of Industrial Development, Government of India New Delhi.

S_1 = The all India average wholesale price index for steel (Bars and Rods) for the month under consideration as published by Ministry of Industrial Development, New Delhi.

P_1 = Percentage of labour component of the work.

Note : For the application of this clause, index of Bars and Rods has been chosen to represent steel group.

Adjustment of bitumen component

(iv) Price adjustment for increase or decrease in the cost of bitumen shall be paid in accordance with the following formula:

$$V_b = 0.85 \times P_b/100 \times R \times (B_1 - B_0)/B_0$$

B_0 = The office retail price of bitumen at the IOC depot at nearest center on the day 28 days prior to date of opening of Bids.

B_1 = The official retail price of bitumen of IOC depot at nearest center on the 15th day of the month under consideration.

P_1 = Percentage of bitumen component of the work.

Adjustment of POL (fuel and lubricant) component

(v) Price adjustment for increase or decrease in the cost of POL (fuel and lubricants) shall be paid in accordance with the following formula.

$$V_f = 0.85 \times P_f / 100 \times R \times (F_1 - F_0) / F_0$$

V_f = Increase or decrease in the cost of work during the month under consideration due to changes in rates for fuel and lubricants.

F_0 = The official retail price of High Speed Diesel (HSD) at the existing consumer pumps of IOC at nearest center on the day 28 days prior to date of opening of Bids.

F_1 = The official retail price of HSD at the existing consumer pumps of IOC at nearest center for the 15th day of month of the under consideration.

P_1 = Percentage of fuel and lubricants component of the work.

Note : For the application of this clause, the price of High Speed Diesel has been chosen to represent fuel and lubricants group.

Adjustment for Plant and Machinery Spares component

(vi) Price adjustment for increase or decrease in the cost of plant and machinery spares procured by the Contractor shall be paid in accordance with the following formula :

$$V_p = 0.85 \times P_p / 100 \times R \times (P_1 - P_0) / P_0$$

V_p = Increase or decrease in the cost of work during the month under consideration due to changes in rates for plant and machinery spares.

P_0 = The all India wholesale price index for heavy machinery and parts on the days preceding the date of opening of Bids as published by the Ministry of Industrial Development Government of India, New Delhi.

P_1 = The all India average wholesale price index for heavy machinery and parts for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi.

P_1 = Percentage of plant and machinery spares component of the work.

Note : For the application of this clause, index of Heavy Machinery and Parts has been chosen to represent the Plant and Machinery Spares group.

Adjustment of other materials component

(vii) Price adjustment for increase or decrease in cost of local materials other than cement, steel, bitumen and POL procured by the contractor shall be paid in accordance with the following formula:

$$V_m = 0.85 \times P_m / 100 \times R \times (M_1 - M_0) / M_0$$

V_m = Increase or decrease in the cost of work during the month under consideration due to changes in rates for local materials other than cement, steel, bitumen and POL.

M_0 = The all India wholesale price index (all commodities) on the days preceding the date of opening of Bids, as published by the Ministry of Industrial Development, Government of India, New Delhi.

M_1 = The all India wholesale price index (all commodities) for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi.

P_1 = Percentage of local material component (other than cement, steel, bitumen and POL) of the work.

The following percentages will govern the price adjustment for the entire contract.

1.	Labour - P_1	25 %
2.	Cement - P_c	5 %
3.	Steel - P_s	5 %
4.	Bitumen - P_b	10 %
5.	POL - P_f	5 %
6.	Plant & Machinery Spares - P_p	5 %
7.	Other materials - P_m	45 %
		<hr/> Total 100%

(viii) In contract where clause 10CA is applicable, this clause 10CC will not be applicable and in contract where this clause 10CC is applicable previous clause 10CA will not be applicable.

CLAUSE 10 D

Dismantled Material Govt. Property The contractor shall treat all materials obtained during dismantling of a structure or excavation of the site for a work, etc. as Employer's property and such materials shall be disposed off to the best advantage of Employer according to the PWD codal provision.

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 instructions which 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 of practice, 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 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 The Engineer-in-Charge (As per codal provision) shall have power (i) to make alterations in, omissions from, additions to, or substitutions for the original specifications, drawings

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 by the time 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 of the 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 in excess of the limits laid down in Schedule F, the contractor may within fifteen days 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 in PWD Code and on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

**Deviation,
Substituted
Items, Pricing**

In the case of substituted items, the rate for the agreement item (to be substituted) and the rate for the substituted item shall also be determined in the manner as mentioned in the above para.

- (a) If the market rate for the substituted item so determined is more than the market rate for the agreement item (to be substituted) the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
- (b) If the market rate for the substituted item so determined is less than the market rate for the agreement item (to be substituted) the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

**Deviation,
Deviated
Quantities,
Pricing**

In the case of contract items, substituted items, contract cum substituted items, if the quantities of contract items 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 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 in PWD Code 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 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 in PWD Code for the

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. However, the Superintending Engineer / Chief Consultant (Technical) is authorized to take into consideration of such claims on merits.

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.C. but including below ground concrete below the floors.
- ii) For abutments, piers, retaining walls of culverts and bridges, walls of water tanks and reservoirs the bed of floor level.
- iii) For retaining walls where floor level is not determinate 1.2 meters above 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 necessary has to be in contemplation of tenderer while filling the 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, Corporation 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 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 without 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

- iv) Shall offer or give or agree to give to any person in Government / Corporation 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 / Corporation; or
- v) Shall enter into a contract with Corporation 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;
- vi) Shall obtain a contract with Corporation 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;
- 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 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 the 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 work 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 Corporation. 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 the Corporation in completing the works or part of the works or the excess loss or damages suffered or which may

suffered by the Corporation as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to the Corporation 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 contractors 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 is 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 Employer and unsold materials, constructional plant, etc., shall be returned to the contractor, provided always that if cost or anticipated cost of completion by the Corporation 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

Suspension of Work

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 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 authorised subordinates in charge of the work and all the superior officers, officer of the Quality Control Organisation of the Corporation 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.

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 the 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 the default.

In such case the Engineer-in-Charge may not accept the item of work at the rate applicable under the contract but may accept such items at reduced rates as the competent authority may consider reasonable during the preparation of the account bill 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 the 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 cut, 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 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 notice in writing on that behalf make the same good at his own expense or in default of 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 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.

In case of Maintenance and Operation works of Electrical & Mechanical services, security deposit deducted from contractors shall be refunded within one month from date of final payment or within one month from the date of completion of maintenance contract whichever is earlier.

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, tacks, 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

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.

CLUASE 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 contractor in execution of the works, or to incur any expenditure in providing welfare 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 sanitation 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; without prejudice to the rights of the Government under sub-section (2) of Section 20, 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 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 licence 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, 1949.

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 the 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 work, as if the labour had been immediately employed by him.
- iii) 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 cause to be complied with the Public Works Department contract Labour Regulations made by Government from time to time in regard to payment of wages, wage period, deductions from wages recovery of wages overpaid and deductions unauthorisedly made, maintenance of wage books or 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 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 workman on account of reason of nonfulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from their wages which are not justified by their terms of the contract or nonobservance 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 the 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, 1961 and the modifications thereof or any other laws relating thereto and the rules 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 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 contractor's part of this contract, the contractor shall at his own expense arrange for safety provisions as per P.W.D. 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 cost 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 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 Corporation in any way relating to his office or employment, or if any servant or officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-Charge on behalf of the M.D. of Corporation shall have power to adopt any course specified in Clause 3 hereof in the interest of Corporation 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 Corporation with reference to the actual loss or damage sustained and whether or not any damage sustained has been sustained.

approval as aforesaid shall likewise be obtained before the contractor enters into 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 In charge

All works to be executed under the contract shall be executed under the direction and supervision of the Engineer-in-Charge who shall be entitled to refuse or approve the works 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 the time to time carried on.

CLAUSE 25

Settlement of Disputes & Arbitration

Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design, drawings and instructions here-in-before mentioned and as to the quality of workmanship or materials used on the work or as to any question, claim right matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter.

- i) If the contractor considered any work demanded of him to be outside the requirements of the contract, or dispute any drawings, record or decision given in writing by the Engineer-in-Charge on any matter in connection with or arising out of the contract or carrying out of the contract or carrying out of the work, and if he finds the work unacceptable, he shall promptly within 7 days request the Superintendent Engineer/Chief consultant(Technical) in writing for written instruction or decision. Thereupon, the Superintending Engineer shall give his written instructions or decision within a period of fifteen days from the receipt of the contractor's letter.

If the Superintending Engineer/Chief consultant(Technical) fails to give his instructions or decision in writing within the aforesaid period or if the contractor is dissatisfied with the instructions or decision of the Superintending Engineer/Chief consultant(Technical), the contractor may, within 15 days of the receipt of the Superintending Engineer's decision, appeal to the Chief Executive Officer who shall afford an opportunity to the contractor to be heard, if the latter so desires, and to submit evidence in support of his appeal. The Chief Executive Officer shall give his decision within 30 days of receipt of contractor's appeal. If the contractor is dissatisfied with this decision, the contractor shall within a period of 30 days from receipt of the decision, give notice to the Chief Executive Officer for appointment of arbitrator, which the said decision shall be final binding and conclusive and not referable to adjudication by the arbitrator.

- ii) Except where the decision has become final, binding and conclusive in terms of Sub Para (i) above disputes or difference shall be referred for adjudication through an arbitrator appointed by Managing Director of the Corporation. If the arbitrator appointed is unable or unwilling to act or resign his appointment or vacates his office due to any reason whatsoever another sole arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each such dispute along with

notice for appointment of arbitrator and giving reference to the rejection by the Chief Executive Officer of the appeal.

It is also a term of this contract that no person other than a person appointed by the Managing Director of the Corporation as aforesaid should act as arbitrator and for any reason that is not possible, the matter shall not be referred to arbitrator at all.

It is also a term of this contract that if the contractor does not make any demand for appointment of arbitrator in respect of any claims in writing as aforesaid within 45 days of receiving the intimation from the Engineer-in-Charge that the final bill is ready for payment, the claim of the contractor shall be deemed to have been waived and absolutely barred and the Corporation shall be discharged and released of all liabilities under the contract in respect of these claims.

The arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 (26 of 1996) or any statutory modifications or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is also a term of the contract that if any fees are payable to the arbitrator these shall be paid equally by both the parties.

It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any, of the arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award (including the fees, if any, of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner such costs or any part thereof shall be paid and fix or settle the amount of costs to be so paid.

All arbitration shall be held at PATNA and at no other place.

CLAUSE 26

Contractor to indemnify Govt. against Patent Rights

The contractor shall fully indemnify and deep indemnified the M.D. of Corporation 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 M.D. of Corporation 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

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

CLAUSE 29

- 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 Corporation shall be entitled to withhold and also have a lien to retain such sums 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 Corporation 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 finalisation 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 Corporation shall be entitled to withhold and have a lien to retain 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 Corporation or any contracting person through the Engineer-in-Charge of the Corporation or any contracting person through the Engineer-in-Charge pending finalisation 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 the Corporation will be kept withheld or retained as such by the Engineer-in-Charge or the Corporation till the claim arising out of or under the contract is determined by an 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 Corporation 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) Corporation 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 not to 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 it 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 Corporation 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 Corporation 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 Corporation 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 Corporation will be kept withheld or retained as such by the Engineer-in-Charge or the Corporation 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 Corporation either by issue from Corporation stocks or purchase made under orders or permits or licences issued by Corporation 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 Corporation 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 licence or permit and/or for criminal breach of trust, be liable to Corporation for all moneys, advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach.

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 conditions hereunder for issue of T & P shall also be applicable to such T & P which 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 Engineer-in-Charge shall be the sole judge to determine the liability of the contractor and the 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 Corporation.
- 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 return in good order even though the same may not have been working for a period of time except major breakdown due to no fault of the contractor or faulty repair 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 a dispute under this clause the decision of the Superintending Engineer 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 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 Corporation 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 Corporation and will be countersigned by the contractor or his authorised 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 Engineer-in-charge 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

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 said plant and machinery during the said period of two days as he likes including hiring out to a third party.

CLAUSE 33

Contractors Superintendence, Supervision, Technical Staff & Employees

Employment of Technical Staff and 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 obligations under the contract.

The contractor along with bidding of the tender, intimate in writing to 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 -). 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 provision of this clause. Decision of the tender accepting authority / Chief Consultant Office (Technical) 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 suitable qualifications, it will not be necessary for the said contractor to appoint such 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 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 authorised 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 work and whenever so required by the Engineer-in-Charge by a notice as aforesaid shall also note down instructions conveyed by the Engineer-in-Charge or 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 at

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

- 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 Engineer in-Charge (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.

CLAUSE 36**Imprisonment
of Contractor**

If the contractor is imprisoned, becomes insolvent compound with his creditors, has 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 or 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 to 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 Competent Authority on behalf of the BSEIDCo. shall have the option of terminating the contract without compensation to the contractor after the affidavit of his legal heir/heirs that they are not going to be in this profession in future.

CLAUSE 38**If relation
working in
BSEIDCo. then
the contractor
not allowed to
tender**

The contractor shall not be permitted to tender for works in the BSEIDCo. (responsible for award and execution of contracts) in which his near relative is posted as an officer in any capacity. 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 BSEIDCo.. Any breach of this condition by the contractor of this Corporation shall lead to blacklisting. If the contractor is registered in any other department, he shall be debarred from tendering in BSEIDCo. for any breach of this condition.

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

CLAUSE 39**No-Gazetted-
Engineer to work
as Contractor
within two years
of retirement**

No engineer of gazetted rank or other gazetted officer employed in engineering or 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 found at any time to be such a person who had not obtained said permission prior to his 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 reconciliation of materials issued, consumed and in balance (see Clause 10) the quantity of materials issued by the Corporation 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 quantities of cement & bitumen required for different items of work as shown in the Schedule of Rates mentioned in-Schedule 'F'. In case any item is executed for which no standard constants for the consumption of cement or bitumen are available in the above mentioned schedule/statement or cannot be derived from

- same shall be calculated on the basis of standard formula to be laid down by 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 authorised by Engineer in Charge, including authorised lappages, 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 categorically 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 by the contractor and the theoretical quantities including such authorised 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 the contractor 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 contractor's 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 for 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 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.

CLAUSE 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 works Department of the State Govt. 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 :

- (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 compensation to be payable in the types and proportions of currencies required to cover the loss or damage incurred.

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

Alteration to the terms of an 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 during 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 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, 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 prevent 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

**Cost of
Samples**

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.

CLAUSE 48

**Cost of
Tests**

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

- (a) clearly intended by or provided for in the Contract, or
- (b) particularised 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.
- (c)

CLAUSE 49

**Cost of Tests
not Provided**

If any test required by the Engineer which is :

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

shows the materials, Plant or workmanship not to be in accordance with the provision 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 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 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

Force Majeure 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.

NOTE :

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

SECTION 4
CONTRACT DATA
(PROFORMA OF SCHEDULES)

P. Pratab

PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Schedule of quantities : BOQ attached with Financial bid.

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	

SCHEDULE 'B' : N.A.

Schedule of materials to be issued to the contractor.: X

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

SCHEDULE 'C' : N.A.

Tools and plants to be hired to the contractor

Sl. No.	Description	Hire charge per day	Place of Issu
1	2	6	7

SCHEDULE 'D' : N.A.

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

CLAUSE 10 CC

Component of Cement- expressed as percent of total value of work.	Pc	N.A.
Component of Steel- expressed as percent of total value of work.	Ps	N.A.
Component of civil (except cement & steel)/ Electrical construction Materials expressed as percent of total value of work-	Pm	N.A.
Component of Bitumen - expressed as percent of total value of work.	Pb	_____X_____%
Component of Labour- expressed as percent of total value of work.	P1	_____N.A._____%
Component of P.O.L. - expressed as percent of total value of work.	Pf	_____N.A._____%
Component of Plant & Machinery - expressed as percent of total value of work.	Pp	_____N.A._____%

SCHEDULE 'F'

Reference to General Condition of Contract.

Name of work: RENOVATION OF BUILDING, OF S.R.P.S. GOVT. H/S. GARDANIBAG
 Estimated cost of work : Rs. 43342594 (Rupees Four Crores Thirty Three Lakh Forty
 Thousand Five Hundred And Ninty Four Only.)

- i) Earnest money : Rs. 8.67 Lac (Rupees Eight Lac Sixty Seven Thousand Only).
- ii) Performance Guarantee: 2% of tendered value including earnest money.
- iii) Security Deposit : 8 % of tendered value.e
- iv) Defect Liability period: Three Years.
- v) Rate of Interest : 14.5 %

GENERAL RULES AND : Officer inviting tender : Managing Director, BSEIDC.
 DIRECTIONS Maximum percentage for quantity of
 items of work to be executed beyond
 which rates are to be determined in
 accordance with Clauses 12.2 & 12.3 See below

Definitions:

2(v)	Engineer-in-Charge	Executive Engineer (Civil).
2(x)	Percentage on cost of materials and labour to cover all overheads and profits.	As Per SOR, BCD
2(xi)	Standard Schedule of Rates	S.O.R. BCD, Dt. : 11.08.2013 & DSR (CIVIL&ELECTRICAL) 20
2(xii)	Department & Employer	BSEIDC, Patna.

9(ii) Standard PWD Contract Form PWD 2/3 as modified & corrected U

Clause 1

- i) Time allowed for submission of performance Guarantee from the date of issue of letter of acceptance, in days 15 days
- ii) Maximum allowable extension beyond the period provided in i) above in days 7 days

Clause 2

Authority for fixing compensation under clause 2. Managing Director, BSEIDC

Clause 2A

Whether Clause 2A shall be applicable Yes

Clause 5

Number of days from the date of issue of notice to start. 07 days

Mile stone(s) as per table given below:

Table of Mile Stone(s)

Sl. No.	Description of Milestone(Physical)	Time allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1.			
2.			
.			
.			

AND

Sl. No.	Financial Progress	Time allowed (from date of start)	Amount to be with-held in case of non achievement of milestone
1.	1/8 TH (of whole work)	1/4 TH (of whole work)	In the event of not achieving the necessary progress as assessed from the running payments, 1% of the tender value of work will be withheld for failure of each milestone
2.	3/8 TH (of whole work)	1/2 TH (of whole work)	
3.	3/4 TH (of whole work)	3/4 TH (of whole work)	
4.	Full	Full	

Time allowed for execution of work 9 Months.

Authority to give fair and reasonable extension of time for completion of work. Managing Director, BSEIDC, Patna.

Clause 7

Gross work to be done together with net payment/ adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment

Rs 19.00 Lac.

Clause 10CC

Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column

_____ months

Clause 11

Specifications to be followed for execution of work

_____ Yes _____

Clause 12

Deviation, variation
Extent and pricing.

As per P.W.D. Code
clause 182A, 292XII,
293XVII & 294XVI

Clause 16

Competent Authority for
deciding reduced rates.

Chief Engineer

- The following document also form part of the contract.

SBD , NIT & B.O.Q.

- The law, which applies to the contract, is

The Law of Union of India.

- The court of jurisdiction

Patna.

- The Language of contract document

English

- The limit of sub-contracting

_____ X _____

- The Currency of the Contract is

Indian Rupees

P. M. Prakash

BSEIDC, Patna **RENOVATION OF BUILDING , OF S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA IN BIHAR. (SBD)**

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

SECTION 6
TECHNICAL SPECIFICATION
(Along with Basic drawings)

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BSEIDC,Patna **RENOVATION OF BUILDING , OF S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA IN BIHAR. (SBD)**

SECTION 7
BILL OF QUANTITY
(Attached with Financial bid)

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 Engineer 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 work, labour supervision, materials, erection, maintenance, insurance, profit, taxes, duties, together with all general risks, liabilities and obligations set out or referred to in the Contract.
4. The rates and prices shall be quoted entirely in Indian Currency.
5. A rate shall include 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 item is 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 item is 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 various sections of the contract documentation shall be made before entering rates and 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 / Corporation at the time.
9. Errors will be corrected by the Employer for any arithmetic errors pursuant to Clause 29 of the Instructions to Bidders.

Handwritten signature

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	
	(ATTACHED with Financial bid)					

Note :

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

0
Bm fab

BID SECURITY (BANK GUARANTEE UNCONDITIONAL)

WHEREAS, _____ [name of Bidder] (hereinafter called "the Bidder") has submitted his Bid dated _____ [date] for 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 _____ (hereinafter called "the Bank") are bound unto _____ [name of Employer] (hereinafter called "the Employer") in the sum of _____ *for which payment well truly to be made to the said Employer by the Bank itself, his successors and assigns 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 Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with 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 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 is due to him owing to the occurrence of one or any of the three conditions, (specifying the occurrence of condition or conditions).

This Guarantee will remain in force up to and including the _____** days after the deadline for submission of Bids as such dead stated in the Instructions to Bidders or as it may be extended by the Employer, no which extension(s) to the Bank is hereby waived. Any demand in respect of this gua 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 t denominated in Indian Rupees. This figure should be the same as shown in 16.1 of the Instructions to Bidders.

** 45 days after the end of the validity period of the Bid. Date should be inser the Employer before the Bidding documents are issued.

Handwritten signature

PERFORMANCE BANK GUARANTEE

To

_____ [name of Employer]

_____ [address of Employer]

WHEREAS _____ [name and address 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 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 said 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 for the sum of _____ 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 y 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 you 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 Default Liability Period.

Signature and Seal of the guarantor _____

Name of Bank _____

Address _____

Date _____

UNCONDITIONAL BANK GUARANTEE FOR ADVANCE PAYMENT

To

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

Gentlemen :

In accordance with the provisions of the Conditions of Contract, sub-clause ("Advance payment") of the above-mentioned Contract, _____ [name and address of Contractor] (hereinafter called "the Contractor") shall deposit with _____ [name of Employer] a guarantee to guarantee his proper and faithful performance under the said Clause of Contract in an amount of _____ [amount of Guarantee] [in words].

We, the _____ [bank of financial institution] instructed by the Contractor, agree unconditionally and irrevocably to guarantee the Contractor as primary obligator and not as Surety merely, the payment of _____ [name of Employer] on his demand without whatsoever right of obligation on our part and without his first call on the Contractor, in the amount not exceeding _____ [amount of Guarantee]* [in words].

We further agree that no change or addition to or other modification of the terms of the Contractor or Works to be performed there under or any of the Contract documents which may be made between _____ [name of Employer] 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 remain valid and in full effect from the date of the advance payment under the Contract until _____ [name of Employer] receives full repayment of the same amount from the Contractor.

Yours truly,

Signature and Seal : _____

Name of Bank /Financial Institution _____

Address : _____

Date : _____

* An amount shall be inserted by the Bank or Financial Institution representing the amount of the Advance Payment, and denominated in Indian Rupees.



INDENTURE FOR SECURED ADVANCES

FORM 31

(for use in case in which the contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time)

This indenture made the _____ day of _____
20____ BETWEEN _____ (hereinafter called the contractor) which expression shall where the context so admits or implies be deemed to include executors, administrators and assigns) or the one part and the Employer of the other part

Whereas by an agreement dated _____ (hereinafter called the said agreement) the contractor has agreed.

AND WHEREAS the contractor has applied to the Employer that he may be allowed advance on the security of materials absolutely belonging to him and brought by him to the site of the works the subject of the said agreement for use in the construction of such of the works as he has undertaken to execute at rates fixed for the finished work (including of the cost of materials and labour and other charges)

AND WHEREAS the Employer has agreed to advance to the Contractor the sum of Rupees _____ on security of materials the quantities and other particulars of which are detailed in Account of Secured Advances attached to the Running Account bill for the said works signed by the Contractor on _____ and the Employer has reserved to himself the option of making any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

Now THIS INDENTURE WITNESSETH that in pursuance of the said agreement in consideration of the sum of Rupees _____ on or before _____ execution of these presents paid to the Contractor by the Employer (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as a for said the Contractor doth hereby covenant and agree with the Employer and declare as follows :

- (1) That the said sum of Rupees _____ so advanced by the Employer to the Contractor as aforesaid and all or any further sum of money advanced as aforesaid shall be employed by the Contractor in or towards expending the execution of the said works and for no other purpose whatsoever
- (2) That the materials details in the said Account of Secured Advances which have been offered to and accepted by the Employer as security are absolutely the Contractor's own propriety and free from encumbrances of any kind and the contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the Contractor indemnified the Employer against all claims to any materials in respect of which an advance has been made to him as aforesaid.

Contractor solely in the Execution of the said works in accordance with the directions of the Engineer.

- (4) That the Contractor shall make at his own cost all necessary and adequate arrangements for the proper watch, safe custody and protection against all risks of the said materials and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody on his own responsibility and shall at all times be open to inspection by the Engineer or any officer authorized by him. In the event of the said materials or any part thereof being stolen, destroyed or damaged or becoming deteriorated to a greater degree than is due to reasonable use and wear thereof the Contractor shall forthwith replace the same with other materials of like quality or repair and make good the same required by the Engineer.
- (5) That the said materials shall not be in any account be removed from the site of the said works except with the written permission of the Engineer or an officer authorized by him on that behalf.
- (6) That the advances shall be repayable in full when or before the Contractor receives payment from the Employer of the price payable to him for the said works in accordance with the terms and provisions of the said agreement. Provided that if any interim payments are made to the Contractor on account of work done then on each occasion of each such payment the Employer will be at liberty to make recovery from the Contractor's bill for such payment by deducting there from the value of the said materials that actually used in the construction and in respect of which recovery has not been made previously, the value for this purpose shall be determined in respect of each description of materials at the rates at which the amounts of the advances made under these presents were calculated.
- (7) That if the Contractor shall at any time make any default in the performance or observance in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances then or may still be owing of the Employer shall immediately on the happening of such default be repayable by the Contractor to be the Employer together with interest thereon at twelve per cent per annum from the date or respective dates of the advance or advances to the date of repayment and with all costs, charges, damages and expenses incurred by the Employer in or for the recovery thereof and the enforcement of this security or otherwise by reason of the default of the Contractor and the Contractor hereby covenants and agrees with the Employer to reply and pay the same respectively to him accordingly.
- (8) That the Contractor hereby charges all the said materials with the repayment to the Employer of the said sum of Rupees _____ and any further sum of sums advanced as aforesaid and all charges, damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything to the contrary in the said agreement and without prejudice to the power contained therein that whenever the covenant for payment and repayment here in before contained shall become enforceable and the money owing shall not be paid in accordance with the Employer may at any time thereafter adopt all or any of the following courses as he may deem best :

- (a) Seize and utilise the said materials or any part thereof in the completion of the said works on behalf of the contractor in accordance with the provisions in that behalf contained in the said agreement debiting the contractor with the actual cost of effecting such completion and the amount due to the contractor with the value of work done as if he has carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the contractor, he is to pay same to the Employer on demand.
 - (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforementioned repayable or payable to the Employer under these presents and pay over the surplus (if any) to the Contractor.
 - (c) Deduct all or any part of the moneys owing out of the security deposit or sum due to the Contractor under the said agreement.
- (9) That except in the event of such default on the part of the contractor as aforesaid interest on the said advance shall not be payable.
- (10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been here-in-before expressly provided for, the same shall be referred to the Employer whose decision shall be final and the provision of the Indian Arbitration Act for the time being in force shall apply to such reference.

Letter of Acceptance

(Letterhead paper of the Employer)

To

(Name and address of the Contractor)

Dear Sirs,

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

We accept/ do not accept that _____ be appointed
Adjudicator². You are hereby requested to furnish Performance Security, in the
detailed in Para 34.1 of ITB for an amount equivalent to Rs. _____ within 21
the receipt of this letter of acceptance valid up to 28 days from the date of expiry of
Liability Period i.e. up to _____ and sign the contract, failing
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
corrected and modified in accordance with the Instructions to Bidders, if corrections
modifications have not been affected.

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

BSEIDC, Patna

RENOVATION OF BUILDING , OF S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA IN BIHAR. (SBD)

Issue of Notice to proceed with the work

(Letterhead of the Employer)

_____ (D

To

_____ (Name and address of the Contractor)

Dear Sirs,

Pursuant to your furnishing the requisite security as stipulated in ITB Clause 3 and signing of the Contract for the construction of _____

_____ at _____
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 _____ be
_____(name and address of Employer) [hereinafter called
(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
Employer has accepted the Bid by the Contractor for the execution and completion of
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 respectively assigned to them in the conditions of contract hereinafter referred to and 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 hereinafter mentioned, the Contractor hereby covenants with the Employer to execute complete the Works and remedy any defects therein in conformity in all aspects with provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration 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 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 Contract.

BSEIDC, Patna **RENOVATION OF BUILDING , OF S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA IN BIHAR. (SBD)**

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 from 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

Title of Officer

Name of Officer

Handwritten signature

BSEIDC,Patna **RENOVATION OF BUILDING , OF S.R.P.S. GOVT. H/S. GARDANIBAG, PATNA IN BIHAR. (SBD) ,**

SECTION 9
DRAWINGS
(To be Attached)

SECTION 10
DOCUMENTS TO BE FURNISHED BY BIDDER)
(Attached)

Handwritten signature

