

कम संख्या 1867 तिथि 26/7/17 स्वीकृत संख्या W 893695  
 कला का नाम एवं पता श्री 13 गंगा की हस्ता नगर अहरी आरुंगाबाद  
 पिन कोड 824006 75/87  
 कलेक्ट्रेट, पटना

Name of Work

AGREEMENT No. 113 SBD of 2017-18 .  
 : Construction of Upgraded Senior Secondary Schools on Panchayat Level in Bihar-Group no. USSS-42 D ( Middle School , Noni, in the District of Gaya )

Name of Agency

: Ravin Kumar

Date of Commencement

: 26-07-2017

Time of completion

: Fifteen Months

Estimate Cost

: Rs. 1,24,09,845/-

Agreement Value

: Rs. 1,11,68,860/- (10.00% below BOQ rate)

Earnest Money

:

Performance Security

: Rs. 6,43,000/- (Details attached)

This agreement, made the 26th July, 2017 between Bihar State Educational Infrastructure Development Corporation Ltd. Patna. Hereinafter called the Employer of the first part and Ravin Kumar, Sri Krishna Nagar, Ahari, Aurangabad, Bihar, hereinafter called "the Contractor of the other part".

Whereas the Employer's is desirous that the Contractor execute "Construction of Upgraded Senior Secondary Schools on Panchayat Level in Bihar- Group no. USSS-42 D 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. 1,11,68,860/- (Rupees One Crore Eleven Lacs Sixty Eight Thousand Eight Hundred Sixty Only

Ravin Kumar

26/7/17  
 Chief Engineer  
 B.S.E.I.D.C. Ltd, Patna



NOW THIS AGREEMENT WITNESSETH as follows :

1. In this Agreement, words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the Execution and completion of the works and the remedying the defects wherein contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the contract.
4. The following documents shall be deemed to form and be ready and construed as part of this Agreement Viz.
  - i) Letter of Acceptance
  - ii) Notice to proceed with the 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 day and year first before written.

The common Seal of .....

was herunto affixed in the presence of :

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

In the Presence of :

Binding Signature of Employer.....

Binding Signature of Contractor.....

The common Seal of .....

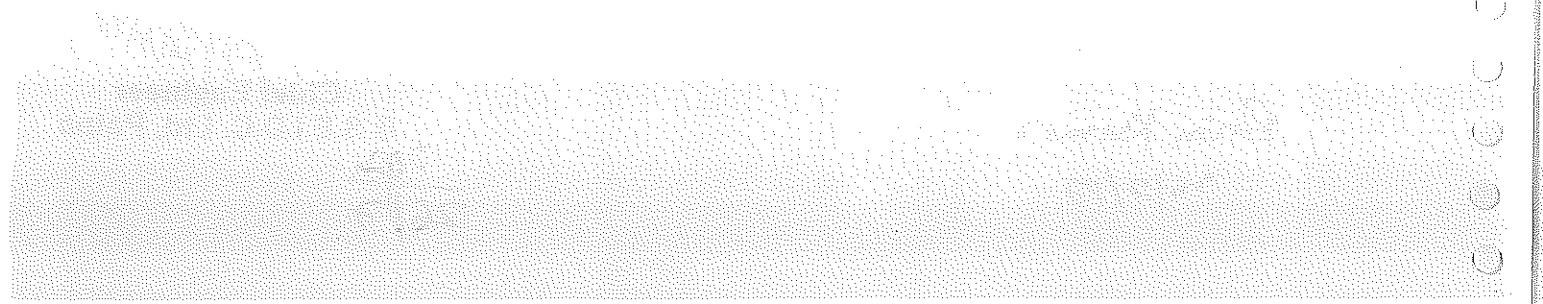
was herunto affixed in the presence of :

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

26/7/12

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



## Performance Security

Name of Agency – “Ravin Kumar”

Performance Security of “Ravin Kumar” of “USSS-42D”

<u>FDR No.</u>	<u>DOI</u>		<u>Amount</u>
315300DP00008660	10.04.17 To 10.04.22	USSS-42D	643000.00

(Rupees Six Lacs Forty Three Thousands Only)

*Amit Kr San* 23/5/17  
 लेखा पदाधिकारी  
 बिहार राज्य शैक्षणिक आधारभूत संरचना  
 विकास निगम लि०, पटना  
*Sanjay*  
 23/5/17

*Ravin Kumar*

*Sanjay* 26/5/17  
 Chief Engineer  
 B.S.E.I.D.C. Ltd, Patna

*24/5/17*  
 26/5/17



**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. (Tel. No: 0612-2910314)

Cor. ID. No.: U80301BR2011SGC015859, e-mail: bseidc@gmail.com, website: www.bseidc.in, Fax No.: 0612-2660256

**Letter of Acceptance**

Letter no :- BSEIDC/FIN/2756/2016-17/- 12633

Date..... 05.12.16

To,

Ravin Kumar,  
Sri Krishna Nagar, Ahari,  
Aurangabad. Bihar.

Dear Sir,

This is to notify you that your Bid dt. 25.04.2016 for execution of  
"Construction of Upgraded Senior Secondary Schools in Bihar- (Gr. No.-USSS-42 D of  
NIT No.-46/2015-16) (Middle School at Noni in the Distt. of Gaya) 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. 1,11,68,860=00 (Rs. One Crore Eleven Lacs Sixty  
Eight Thousand Eight Hundred Sixty Only)

You are hereby requested to furnish performance security including additional  
security in the form detailed in I.T.B. para 31.1, 27.4 and clarification issued thereon by RCD,  
Govt. of Bihar, vide letter no. 3376 (E) dt. 17.08.2010, for an amount equivalent to  
Rs. 6,43,000=00 (Rs. Six Lacs Forty Three Thousand Only) within ten days of receipt of this  
letter of acceptance valid upto 28 days from the date of expiry of defects liability period and sign  
the contract, failing which action as stated in Para 31.3 of ITB will be taken.

Yours faithfully

(Brajesh Prasad)

Chief Consultant (Technical)

Date: 05.12.16

Memo no: BSEIDC/FIN/2756/2016-17/- 12633

Copy forwarded to : Sri Pankaj Kumar Singh, Computer Programmer for uploading on BSEIDC website/  
Senior Account Officer, BSEIDC, Patna/Ex. Engg., Magadh Divi. for information & necessary action.

Memo no: BSEIDC/FIN/2756/2016-17/- 12633

Copy forwarded to : Chief Engineer, BSEIDC, Patna for information Please.

Chief Consultant (Technical)

Date: 05.12.16

Memo no: BSEIDC/FIN/2756/2016-17/- 12633

Copy forwarded to : Managing Director, BSEIDC, Patna for information Please.

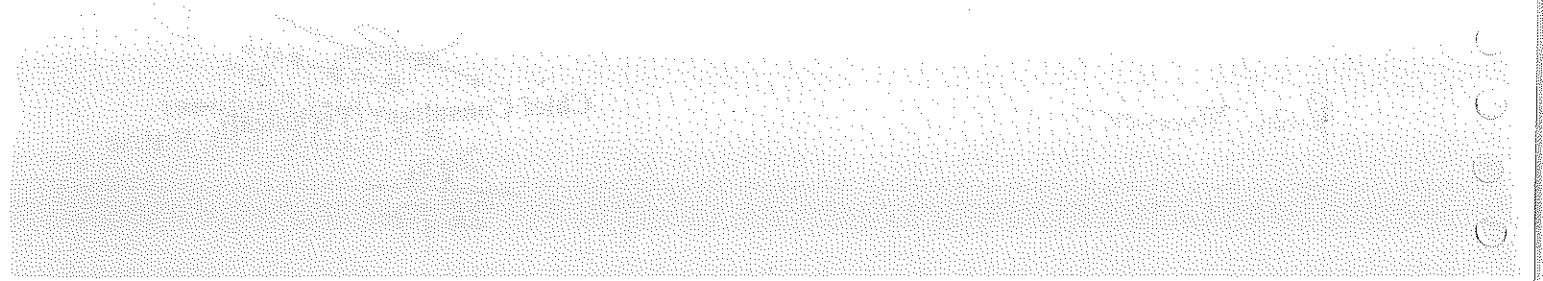
Chief Consultant (Technical)

Date: 05.12.16

Ravin Kumar

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

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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. (Tel. No: 0612-2910314)

Cor. ID: (865013R2015G015559) e-mail: bseidc@bseidc.com website: www.bseidc.in. Fax No. 0612-260256

Letter no.: BSEIDC/NIT/2015-16 - V/S/24

Patna, Date:

11-05-2016

## CORRIGENDUM NOTICE NO.- 3

With reference to N.I.T. No. 46/2015-16 dated 25.02.2016 for "Construction of Senior Secondary School (SSS) in different districts of Bihar" the following amendment has been made as mentioned below:-

- (i) The Tender for Construction of School Building "Middle School Rampur Tilak East" at S.L. No.-15, Group: USSS-8 (B) in the District-Purnia is Cancelled due to unavoidable reasons.

The other terms and conditions will remain unchanged.

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

(Brajesh Prasad)

Chief Consultant (Technical)

11-5-2016

24/7  
26/7

Ravin Kumar



# 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. (Tel. No: 0612-2910314)

(Cor. E-mail: [bsed@bsed.org](mailto:bsed@bsed.org), [bsed@bsed.org](mailto:bsed@bsed.org), website: [www.bsed.org](http://www.bsed.org), Fax No: 0612-290256)

Letter No: BSE/ID/ NII 2015-16 - 23307

Patna, Date: 05-04-16

## CORRIGENDUM NOTICE NO.-02

With reference to N.I.I. No. 46 2015-16 dated 25.02.2016 for "Construction of Senior Secondary School (SSS) in different districts of Bihar" the following amendments have been made as removed below:-

- (i) At Sl. No. 10 in Group I SSS-4 (A) District- Samastipur, the name of School building Middle School Ratara is deleted.
- (ii) At Sl. No. 17 in Group No. I SSS-1 (A) Distt- Saharsa, the name of School Middle School Bhugwanpur is deleted.
- (iii) At Sl. No. 8 in Group No. I SSS-1 (A), Distt- Darbhanga, the name of School "Upgraded Middle School Dhaurahi" to be read as "Upgraded Middle School Raj Khaurahi".
- (iv) At Sl. No. 71 in Group No. I SSS-1 (D), Distt- Darbhanga, the name of School Upgraded Middle School Kamalpur East is Deleted.
- (v) At Sl. No. 50 in Group No. I SSS-1 (A), Distt- Bhagalpur, the name of School Middle School Pathiya is Deleted.
- (vi) At Sl. No. 41 in Group No. I SSS-22 (A), Distt- Munger, the name of School "Middle School Kariyari" to be read as "Middle School Madhauri".
- (vii) At Sl. No. 58 in Group No. I SSS-3 (C), Distt- Buxar, the name of School Middle School Giridhari Baranow is Deleted.

For other terms and conditions, it remain unchanged.

Chief Engineer

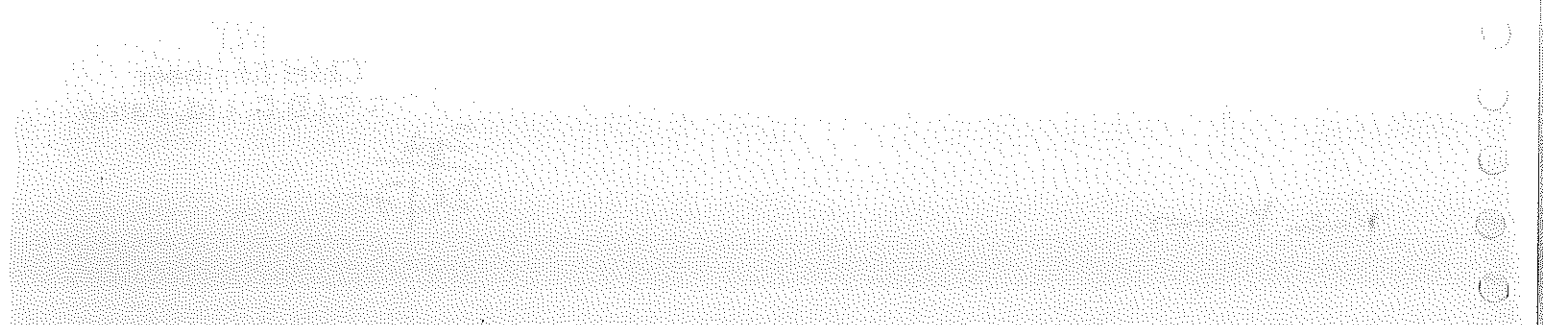
B.S.E.I.D.C. Ltd, Patna

(Brijesh Prasad)

Chief Consultant (Technical)

Ravi Kumar

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(A Govt. Of Bihar Undertaking)

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

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Letter no.: BSEDC/NIT 2015-16 - 3306

Patna. Date : 04/04/20

**CORRECTION NOTICE NO. 1**

With reference to N.I.T. No. 46/2015-16, dated 25.02.2016 published in Daily News Paper "Pragati" Vide P.R.-14274 - N.I.N-15-16 through e-tendering Website: [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in) for "Construction of Senior Secondary School (SSS) in different districts of Bihar" the following amendments have been made as mentioned below :-

Sl. no.	Existing provision	Amended provision
1	Period of Sale of Bid document (Download) from dated 18.03.2016 to 03.04.2016, 15:00 Hrs.	Period of Sale of Bid document (Download) from dated 25.04.2016 to 16.05.2016, 15:00 Hrs.
2	Date and Time of Pre Bid Meeting- 29.03.2016,16:00	Date and Time of Pre bid Meeting- 02.05.2016,16:00
3	Last date and time for receipt of bids on dated 04.04.2016, 15:00 Hrs.	Last date and time for receipt of upload of Bids on dated 17.05.2016, 15:00 Hrs.
4	Time and date for opening of Technical Bids on dated 06.04.2016, 16:30 Hrs.	Time and date for opening of Technical Bids on dated 19.05.2016, 16:30 Hrs.
5	Time and date for opening of Financial Bids on dated 21.04.2016, 15:30 Hrs.	Time and date for opening of Financial Bids on dated 31.05.2016, 15:30 Hrs.
6	The cost of Bidding and EMD will be accepted up to 19.05.2016, 15:00 Hrs.	

The other terms and conditions will remain unchanged.

(Brajesh Prasad)  
Chief Consultant (Technical)

## Chief Engineer

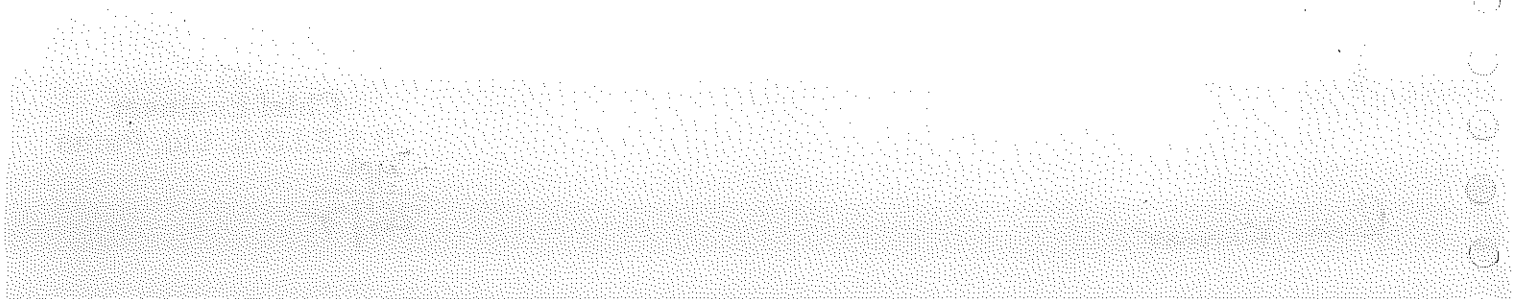
**S.S.E.I.D.C. Ltd., Patna**

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Ravin Kumar



# BILL OF QUANTITIES FOR PROPOSED BUILDING OF 10+2 SCHOOL

Based on SOR FOR BCD BIHAR- 15-09-2014, D.S.R. 2014 & D.S.R. (ELECTRICAL)2014

GROUP NO- USSS-42 (D)

DISTRICT		NAME OF SCHOOL				
Gaya		Middle School, Noni				
Sr.No	SOR Item No.	Item Of Work	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	Below Plinth					
	<b>Earth Work</b>					
1	2.8.1	Earthwork in excavation in areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm 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.	470.76	cum	205.20	Rs. Two hundred five and paise twenty only.
	<b>Brick Soling</b>					
2	11.72	Providing designation 100A one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I.	607.56	sqm	226.60	Rs. Two hundred twenty six and paise sixty only.
	<b>Sand Filling</b>					
3	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	265.85	cum	192.50	Rs. One hundred ninety two and paise fifty only.

Ravin Kumar

26/7/12  
 Chief Engineer  
 B.S.E.I.D.C. Ltd, Patna  
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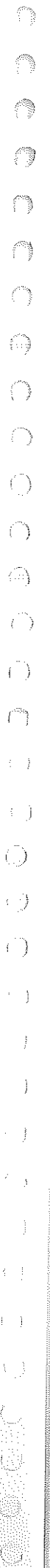
<b>P.C.C in Footing</b>						
4	4.1.5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - all work upto plinth level. 1:3:6(1 cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size)	52.91	cum	2775.70	Rs. Two thousand seven hundred seventy five and paise seventy only.
<b>RCC Work in Footing</b>						
5	5.1.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement-All work upto plinth level 1:1:2(1 cement : 1 coarse sand : 2 graded stone aggregate 20mm nominal size)	120.46	cum	5110.70	Rs. Five thousand one hundred ten and paise seventy only.
6	6.1.14A	Brick work with bricks of class designation 100A in foundations and plinth in cement mortar 1:6(1 cement:6 coarse sand)	60.26	cum	3992.90	Rs. Three thousand nine hundred ninety two and paise ninety only.
<b>Back Filling</b>						
7	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead	260.21	cum	66.40	Rs. Sixty six and paise forty only.
8	2.29.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5m All kinds of soil.	348.64	100 sqm	7.19	Rs. Seven and paise nineteen only.

Ravi Kumar

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

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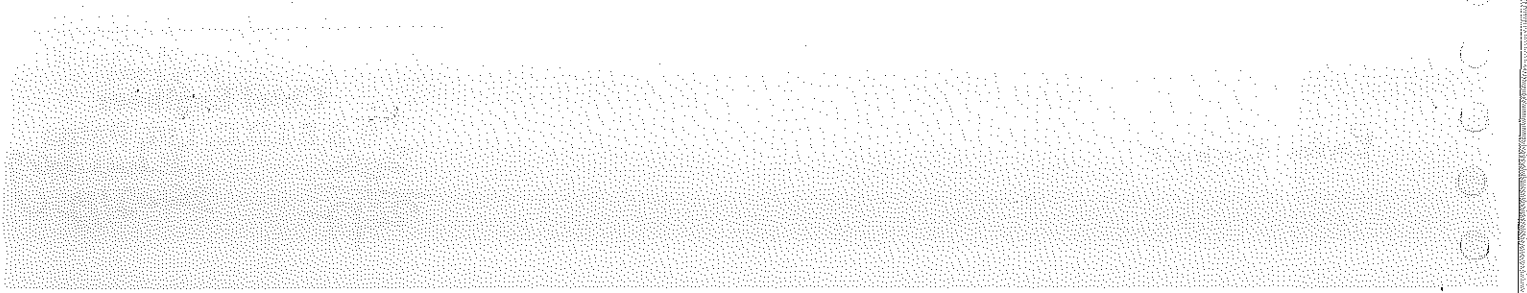


Above Plinth						
		Brick work above Plinth				
9	6.1.14A + 6.3A	Brick work with bricks of class designation 100A in superstructure above plinth level upto three floor cement mortar 1:6(1 cement:6coarse sand)	351.20	cum	4427.50	Rs. Four thousand four hundred twenty seven and paise fifty only.
10	6.18.4A + 6.19A	Half brick Masonary with bricks of class designation 100A in superstructures above plinth level upto five floor cement mortar 1:4 (1 cement :4 coarse sand)	49.75	sqm	538.30	Rs. Five hundred thirty eight and paise thirty only.
11	6.21A	Extra for providing and placing in position 2 nos., 6dia MS bars at every third course of half brick masonry (with F.P.S. brick)	49.76	sqm	75.90	Rs. Seventy five and paise ninety only.
	<b>RCC work above Plinth.</b>					
12	5.3+5.33 B.4+5.33 B1	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and struts etc upto floor five level excluding the cost of centering, shuttering, finishing & reinforcement all work upto plinth level. 1:1:2 (1cement:1 coarse sand : 2 graded stone aggregate 20mm nominal size) (Extra for providing M-15 grade RCC instead of M-20 grade) (Extra for providing M-15 grade RCC instead of M-20 grade)	172.74	cu.m	4581.20	Rs. Four thousand five hundred eighty one and paise twenty only.
13	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)	31.40	cum	5666.20	Rs. Five thousand six hundred sixty six and paise twenty only.

Ravi Kumar

Chief Engineer  
B.S.E.I.D.C. Ltd. Patna  
24/07/2017  
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J. K. Singh  
26/07/17



	Flooring					
14	11.26.1	Providing and laying kota stone floor in different sizes {thickness to be specified by the manufacturer} with water absorption's less than 0.08% and confirming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:3 (1 cement:3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the floor including rubbing and polishing complete. Details of cost for 10 sqm	780.22	sqm	968.00	Rs. Nine hundred sixty eight only.
	Skirting					
15	11.27	Kota stone slabs 20mm thick in risers of steps skirting. Dado & pillars laid on 12mm average thick cement mortar 1:3 (1 cement: 3 coarse sand ) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. Details of cost for 10 sqm.	57.46	sqm	927.50	Rs. Nine hundred twenty seven and paise fifty only.

Ravin Kumar

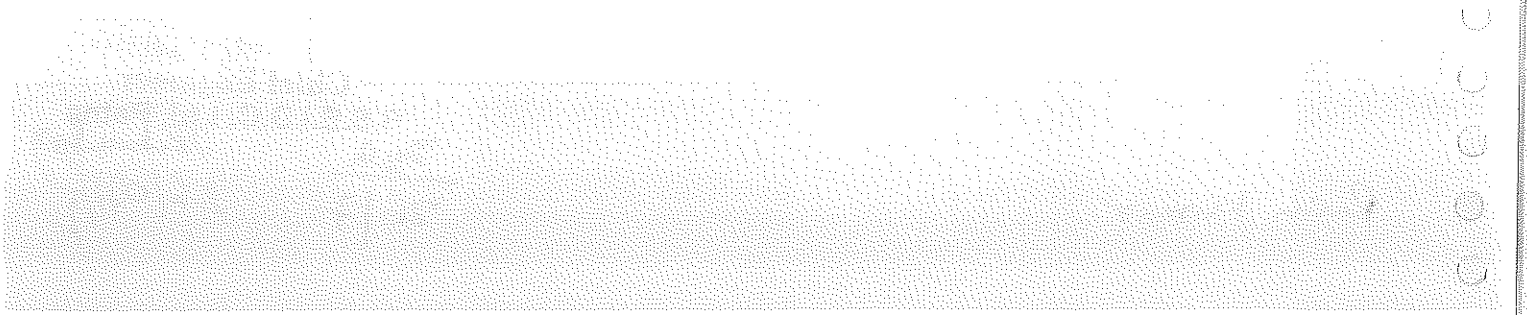
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 Chief Engineer  
 B.S.E.I.D.C. Ltd, Patna  
 26/7  
 26/7/12



	Bath Room					
16	11.38	Providing and laying ceramic glazed floor tiles 300 x 300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS:15622 of approved make in all colors, 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 matching pigments etc complete.	57.55 ✓	sqm	801.80 ✓	Rs. Eight hundred one and paise eighty only. ✓
17	11.36	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 shade complete.	242.83 ✓	sq.m	754.20 ✓	Rs. Seven hundrd fifty four and paise twenty only. ✓
	Plaster Work					
18	13.11.4	12 mm cement plaster of mix ; 1:6 (1 cement : 6 coarse sand)	2261.72 ✓	sq.m	89.30 ✓	Rs. Eighty nine and paise thirty only. ✓
19	13.24.2	6mm cement mix plaster of mix 1:4 (1 cement :4 coarse sand) Roof	872.78 ✓	sq.m	77.40 ✓	Rs. Seventy seven and paise forty only. ✓
	Outer Side Plaster					

Ravin Kumar

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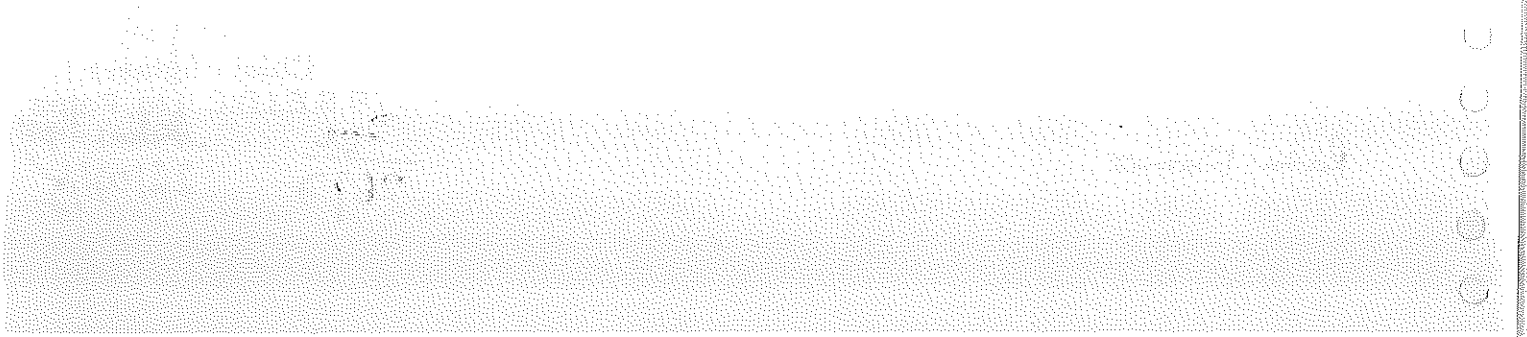




20	13.13.4	20mm Plaster 1:6(1 cement : 6 coarse sand)	1063.79	sq.m	123.50	Rs. One hundred twenty three and paise fifty only.
21	11.3.1 + 11.8	Cement concrete flooring 1:2:4(1 cement:2 coarse:sand:4 graded stone agregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate. Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavemerts etc.	315.71	sq.m	232.90	Rs. Two hundrd thirty two and paise ninety only.
<b>FINISHING WORK</b>						
22	13.80 A.2	Providing and applying white cement based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	1063.79	sqm.	118.70	Rs. One hundeed eighteen and paise seventy only.
23	13.46.1	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	1063.79	sqm.	68.80	Rs. Sixty eight and paise eighty only.
24	13.78.2	Applying one coat of cement primer of approved brand and manufacture on wall surface: Distemper primer	3134.50	sqm.	26.10	Rs. Twenty six and paise ten only.

Ramin Kumar

26/7/18  
Chief Engineer  
B.S.E.I.D.C. Ltd, Patna  
26/7  
26/07/18



25	13.77A.1	Distempering with 1st quality washable distemper (ready made) of approved manufacturer and of required shade and colour complete. As per manufacture's specifications. Two or more coats on new work	3134.50	sqm.	34.70	Rs. Thirty four and paise seventy only.
26	13.81.1	Applying priming coat with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and softwood)	161.28	sqm.	25.20	Rs. Twenty five and paise twenty only.
27	13.81.3	Applying priming coat with ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel work.	116.32	sqm.	21.30	Rs. Twenty one and paise thirty only.
28	13.93.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade two or more coats on new work	277.60	sqm.	50.90	Rs. Fifty and paise ninety only.
<b>Shuttering</b>						
<b>Footing</b>						
29	5.9.1	Centring and shuttering including strutting, propping etc. and removal of form for foundation, footings, bases of columns etc. for mass concrete. Pedestal	125.06	sqm.	166.70	Rs. One hundred sixty six and paise seventy only.
<b>Tie Beam at NGL.</b>						
30	5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for foundation, footings, bases of columns etc. for mass concrete.	637.13	sqm.	251.30	Rs. Two hundred fifty one and paise thirty only.

Ravin Kumar

26/7/17  
 Chief Engineer  
 B.S.E.I.D.C. Ltd. Patna  
 26/7/17



		<b>Stiffner upto Plinth</b>				
31	5.9.6	Centring and shuttering including strutting, Propping etc. and removal of form for columns, pillars, piers, abutments, posts and struts.	138.55	sqm.	344.40	Rs. Three hundred forty four and paise forty only.
		<b>Roof Shuttering</b>				
32	5.9.3	Centering and shuttering including strutting, propping etc. and removal of form for suspended floors, roofs, landings, balconies and access platform.	879.28	sqm.	275.60	Rs. Two hundred seventy five and paise sixty only.
		<b>Doors</b>				
33	9.21.1	Providing and fixing flush door shutters conforming to IS : 2202 (Part-I) non-decorative type. core of block board construction with frame of 1st class tiard wood and well mathched commercial 3 ply veneering wiith vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including anodized aluminum butt hinges with necessary screws	104.27	sqm.	1823.80	Rs. One thousand eight hundred twenty three and paise eighty only.
		<b>Steel Door Frame</b>				
34	10.1	Structural steel work in singal section fixed without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	894.08	Kg	60.10	Rs. Sixty and paise ten only.
35	9.118.1	Providing and fixing oxidised M.S. sliding door bolts with nuts and screws etc. complete 300x16xmm	49.00	each	165.60	Rs. One hundred sixty five and paise sixty only.
36	9.104.1	Providing and fixing M.S. handles with necessary screws etc. complete 125 mm	98.00	each	27.50	Rs. Twenty seven and paise fifty only.

Ravin Kumar

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Chief Engineer  
B.S.E.I.D.C. Ltd. Patna  
26/7/12



37	9.223.2	Providing and fixing alluminium hanging floor door stopper anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc.complete:Twin rubber stopper	49.00	each	82.70	Rs. Eighty two and paise seventy only.
38	9.119.1	Providing and fixing oxidised M.S.tower bolt black finish,(barrel type) with necessary screws etc.complete 250x10mm	49.00	each	66.50	Rs. Sixty six and paise fifty only.
39	10.12.1 + 10.13B	Providing and fixing glazed steel doors, windows or ventilators of standard rolled steel sections, joints mitered and welded with 15x3 mm M.S. lugs 10cm long with steel legs embedded in cement concrete blocks 15x10x10cm.of (1:3:6) (1cement : 3coarse sand : 6graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panels with glazing clips and special metal-sash putty of approved make complete including applying a priming coat of approved steel primer excluding the cost of metal beading and other fitting except necessary hinges or pivots as required Extra for providing and fixing steel beading of approved shape and section with screws instread of glaxing clips and met. Sash putty in steel doors, windows,ventilators and composite units.	108.22	sqm.	3270.60	Rs. Three thousand two hundred seventy and paise sixty only.

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40	10.12.1 + 10.13	Providing and fixing glazed steel doors, windows or ventilators of standard rolled steel sections, joints mitered and welded with 15x3 mm M.S. lugs 10cm long with steel legs embedded in cement concrete blocks 15x10x10cm. of (1:3:6) (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panels with glazing clips and special metal-sash putty of approved make complete including applying a priming coat of approved steel primer excluding the cost of metal beading and other fitting except necessary hinges or pivots as required Extra for providing and fixing steel beading of approved shape and section with screws instead of glazing clips and met. Sash putty in steel doors, windows, ventilators and composite units. VENTILATOR	8.10	sqm.	3277.60	Rs. Three thousand two hundred seventy seven and paise sixty only.
41	9.82.1	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. For all floor	2635.78	Kg	91.50	Rs. Ninety one and paise fifty only.
42	10.33.1	Providing & fixing hand rail by welding etc. to steel ladder railing & staircases railing including applying a priming coat of approved steel primer. MS tube (medium) 40mm nominal bore. Steel Hand Rail	396.88	Kg	91.10	Rs. Ninety one and paise ten only.
43	10.19	Providing & fixing M.S. Fan hook of 16 mm. dia. M.S. bar 1 Mtr. Long bent to required size and shape, placed in position and fixed in Truss Frame / RCC Slab / beam at the time of casting all complete as per building specification and direction of E/I. (Where materials is not supplied by deptt.)	52.00	each	121.80	Rs. One hundred twenty one and paise eighty only.

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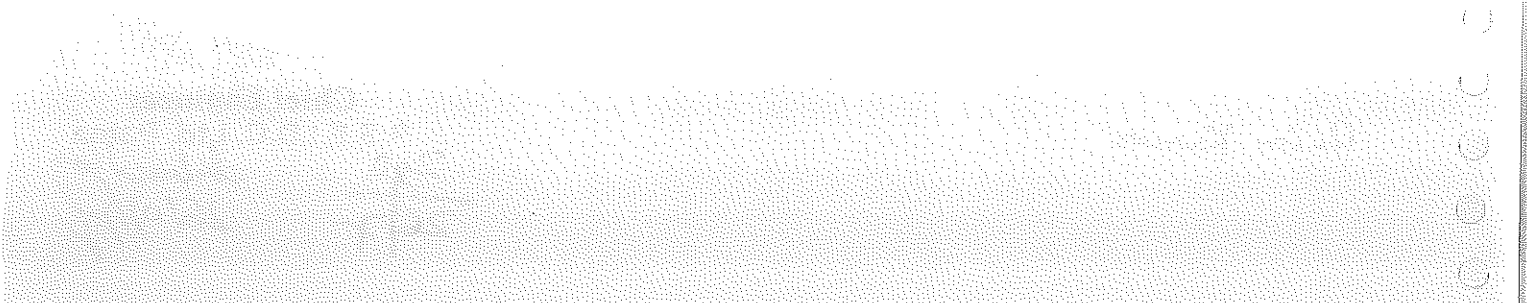
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44	5.22	Reinforcement for RCC work including straightening, cutting, bending, placing in position and bonding all complete.				
	5.22.1	Mild Steel 6 mm dia	0.00	Kg	70.40	Rs. Seventy and paise forty only.
	5.22.7A	TMTC-500 8mm dia	16300.00	Kg	74.40	Rs. Seventy four and paise forty only.
	5.22.7B	TMTC-500 10mm dia	2200.00	Kg	73.10	Rs. Seventy three and paise ten only.
	5.22.7C	TMTC-500 12mm dia	15550.00	Kg	71.80	Rs. Seventy one and paise eighty only.
	5.22.7D	TMT-500 16mm dia	2250.00	Kg	72.80	Rs. Seventy two and paise eighty only.
	5.22.7E	TMT-500 20mm dia	1950.00	Kg	72.20	Rs. Seventy two and paise twenty only.
45		<b>Miscellaneous Work</b>				
	4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size ) over 75mm bad by dry brick ballast 40mm nominal size well rammend and consolidated and grouted with fine sand including finishing the top smooth.	59.04	sqm.	319.30	Rs. Three hundred nineteen and paise thirty only.
					<b>TOTAL (A)=</b>	<b>9,996,734.94</b>
	<b>Water</b>					
46	B.S.R 12.78.2	Providing and fixing on wall face unplastidsed 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.	76.00	MTS	214.20	Rs. Two hundred fourteen and paise twenty only.
		110 mm diameter.				

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47	B.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.</p> <p>White Vitreous China Orissa pattern W C pan of size 580 x 440 mm with integral type foot rest.</p>	12.00	Each	3,035.40	Rs. Three thousand thirty five and paise forty only.
48	B.S.R 17.2.2	<p>Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :</p> <p>W.C. pan with ISI marked black solid plastic seat and lid</p>	3.00	Each	2,928.30	Rs. Two thousand nine hundred twenty eight and paise thirty only.

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49	B.S.R 17.4.3	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 : Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern.	3.00	Each	6,196.80	Rs. Six thousand one hundred ninety six and paise eighty only.
50	B.S.R 17.7.1	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.	15.00	Each	2,120.30	Rs. Two thousand one hundred twenty and paise thirty only.
51	B.S.R 17.28.2.1	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	15.00	Each	78.60	Rs. Seventy eight and paise sixty only.
52	B.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	15.00	Each	643.40	Rs. Six hundred forty three and paise forty only.

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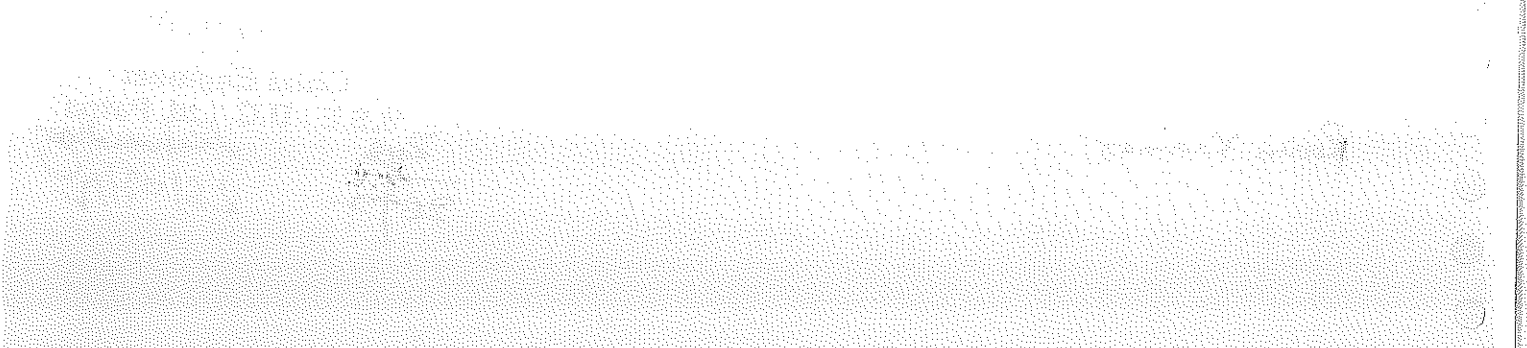




	B.S.R 17.33	Providing and fixing 600 x 120 x 5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	15.00	Each	478.30	Rs. Four hundred seventy eight and paise thirty only.
53	B.S.R 18.9.2	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. 20 mm nominal outer dia Pipes	130.00	metre	146.40	Rs. One hundred forty six and paise forty only.
54	B.S.R 18.8.1	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 Concealed work including cutting chases and making good the wall etc. 15 mm nominal outer dia Pipes	160.00	metre	241.00	Rs. Two hundred forty one only.

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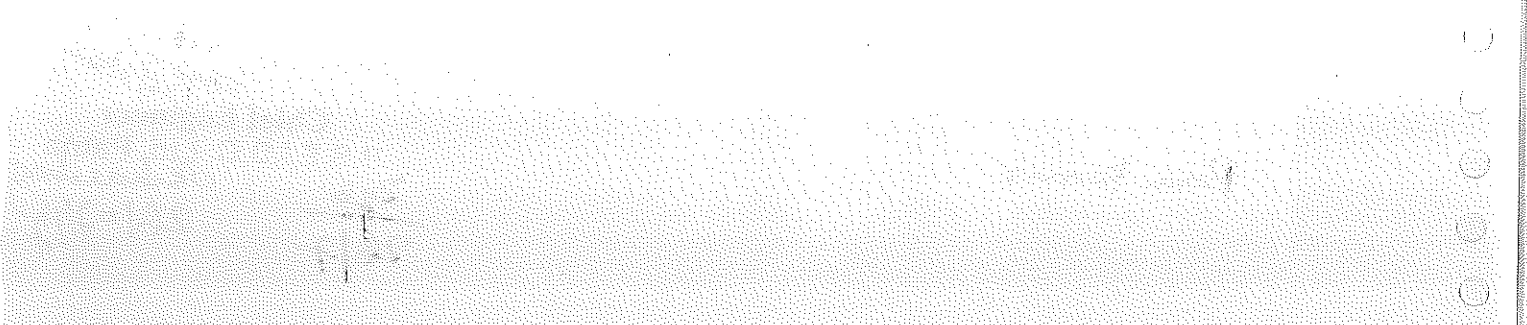
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60	B.S.R 19.6.1	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete: 100 mm dia R.C.C. pipe	15.00	metre	312.90	Rs. Three hundred twelve and paise ninety only.
61	B.S.R 19.27.1	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	14.00	Each	3,117.30	RS. Three thousand one hundred seventeen and paise thirty only.
62	B.S.R 19.30.1.1	Constructing brick masonry chamber for Underground C.I. Inspection Chamber and bend with 75 class designation bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. Cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg. (weight of cover 23 kg. and weight of frame 15 kg.) RCC top slab with 1:1.5:3 mix (1 cement: 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 mix (1 cement:5 coarse sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm th. with cement mortar 1:3 (1 cement:3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design	8.00	Each	3,949.10	Rs. Three thousand nine hundred forty nine and paise ten only.

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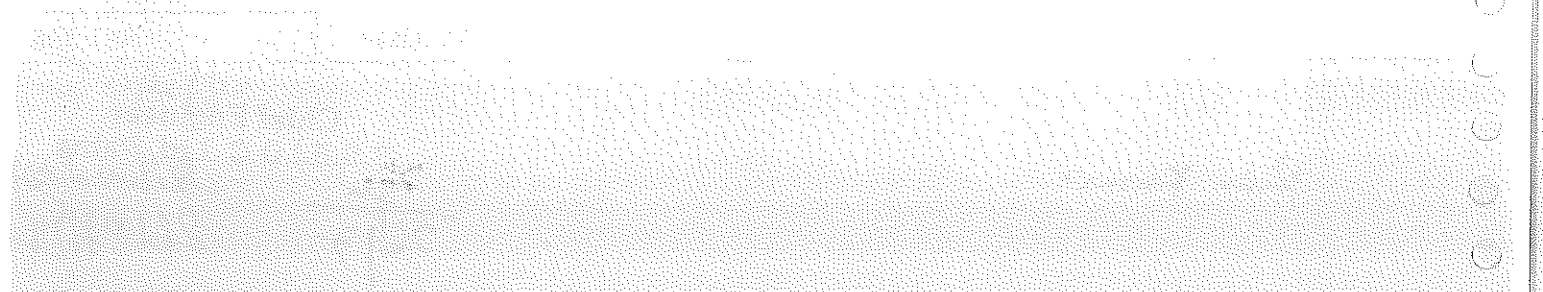
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63	B.S.R 19.32.1	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with brick and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	Each	25,900.10	Rs. Twenty five thousand nine hundred and paise ten only.
64	B.S.R 19.34.1	Providing and fixing S.W. intercepting trap in manholes with stiff mixture of cement mortar 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
		100 mm dia	4.00	Each	283.80	Rs. Two hundred eighty three and paise eighty only.
65		Detailed Estimate for construction of 125 mm x 40 mm x 90 m Tube well Manual Boring	1.00	Each	60,432.65	Rs. Sixty thousand four hundred thirty two and paise sixty five only.
66		Detailed Estimate for construction of Septic Tank	1.00	Each	77,162.00	Rs. Seventy seven thousand one hundred sixty two only.
		NON SCHEDULED ITEMS(AS PER RATE APPROVED)				
67		P.V.C. PIPE				
		Providing and fixing soil, waste and vent pipes				
		110 mm dia	120.00	Mtr	347.00	Rs. Three hundred forty seven only.
		P.V.C. FITTINGS				
68		DOOR TEE 110 mm dia	8.00	Each	365.00	Rs. Three hundred sixty five only.
69		DOOR BEND 110 mm dia	18.00	Each	283.00	Rs. Two hundred eighty three only.
70		BEND 45 110 mm dia	32.00	Each	185.00	Rs. One hundred eighty five only.
71		VENT COWEL 110 mm dia	7.00	Each	65.00	Rs. Sixty five only.
72		PIPE CLIP 110 mm dia	88.00	Each	53.00	Rs. Fifty three only.
73		FLOOR TRAP 110X110 mm dia	11.00	Each	436.00	Rs. Four hundred thirty six only.
					<b>TOTAL (B)=</b>	<b>583,336.45</b>

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## DSR Schedule Items - Internal Electrical Work - (PART-1)

74	1.1.	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. / PVC. box etc as required.				
	1.8.3	Group C	198.0	Nos.	681.8	Rs. Six hundred eighty one and paise eighty only.
75	1.9.	Wiring for twin control point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way piano type switch, phenolic laminated sheet, suitable size M.S. / PVC box etc as required.	6.0	Nos.	685.8	Rs. Six hundred eighty five and paise eighty only.
76	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.	423	meter	163.62	Rs. One hundred sixty three and paise sixty two only.
77	1.14	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.				
	1.14.2	2 x 2.5 sq.mm + 1 x 2.5 sq. mm earth wire	410	meter	132.31	Rs. One hundred thirty two and paise thirty one only.

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	1.14.3	2 x 6 sq.mm + 1 x 6 sq.mm earth wire.	80	meter	163.62	Rs. One hundred sixty three and paise sixty two only.
	1.14.5	2 x 10 sq.mm + 1 x 10 sq.mm earth wire.	10	meter	330.27	Rs. Three hundred thirty and paise twenty seven only.
78	1.18.	Supplying and drawing following pair 0.5 sq.mm FR PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface / recessed PVC conductor as required.				
	1.18.1	1 Pair	44	meter	14.14	Rs. Fourteen and paise fourteen only.
79	1.19	Supplying and drawing co-axial TV cable RG-6 grade, 0.7mm solid copper conductor, insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface / recessed PVC conduit as required.	40	meter	28.28	Rs. Twenty eight and paise twenty eight only.
80	1.29	Supplying and fixing metal/pvc of 150mm x 75mm x 50mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connections, painting etc. as required.	36	nos.	195.94	Rs. One hundred ninety five and paise ninety four only.

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81	1.30	Supplying and fixing metal/pvc box of 180mm x 100mm x 50mm 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, connections, painting etc. as required.	8	nos.	278.76	Rs. Two hundred seventy eight and paise seventy six only.
82	1.23	Supplying and fixing following piano type switch/ socket on the existing switch box / cover including connections etc.as required				
	1.23.1	5/6 amps switch.	46	Each	33.33	Rs. Thirty three and paise Thirty three only.
	1.23.4	5 pin, 5/6 amps socket outlet.	46	Each	41.41	Rs. Forty one and paise forty one only.
83	1.23.	Supplying and fixing following piano type switch/ socket on the existing switch box / cover including connections etc.as required				
	1.23.7	Telephone socket outlet	2	Each	52.52	Rs. Fifty two and paise fifty two only.
	1.23.8	TV antenna socket outlet	2	Each	46.46	Rs. Forty six and paise forty six only.
84	1.25	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required	66	Each	286.84	Rs. Two hundred eighty six and paise eighty four only.
85	1.33	supplying and fixing fixing 3/2 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	88	Each	43.43	Rs. Forty three and paise forty three only.
86	1.34	Supplying and fixing batten / angle holder including connection etc as required.	90	Each	74.74	Rs. Seventy four and paise seventy four only.

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87	2.12	Supplying and fixing following rating, 240/415 volts "C" curve, miniature circuit breaker suitable for loads of single pole in the existing MCB DB complete with connection, and commissioning etc. as required.				
	2.10.2	40 amp, Single pole and neutral	3	Each	445.41	Rs. Four hundred forty five and paise forty one only.
88	2.8	Supplying and fixing following way, single pole & neutral, sheet steel, MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted, including earthing etc as required. (But without MCB/RCCB/Isolator)				
	2.3.8	2 + 12 way, Double door,	6	Each	1,357.44	Rs. One thousand three hundred fifty seven and paise forty four only.
89	2.15	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required				
	2.12.2	63 Amps	3	Each	252.50	Rs. Two hundred fifty two and paise fifty only.
90	2.10	Supplying and fixing following rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in existing MCB DB completed with connections, testing and commissioning etc. as required.				

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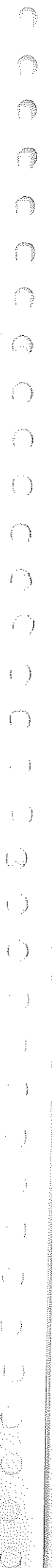
	2.10.1	6/32 amps, Single Pole	60	Each	170.69	Rs. One hundred seventy and paise sixty nine only.
91	2.14	Supplying and fixing following rating, double pole, (single phase and neutral) , 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.14.2	40 Amps	3	Each	1,731.14	Rs. One thousand seven hundred thirty one and paise fourteen only.
92	2.11	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	6	Each	7.70	Rs. Seven and paise seventy only.
93	5.6	Earthing with copper earth plate 600 mm X 600 mm X 3 mm 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.	2	Each	9,384.92	Rs. Nine thousand three hundred eighty four and paise ninety two only.
94	5.8	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	20	meter	760.53	Rs. Seven hundred sixty and paise fifty three only.
95	5.14	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	20	meter	864.56	Rs. Eight hundred sixty four and paise fifty six only.

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96	1907 JSR	3.5 core, 35 sq.mm XLPE/PVC insulated PVC sheathed ( Heavy duty) armoured electric cable with aluminium conductor	100	meter	336.33	Rs. Three hundred thirty six and paise thirty three only.
97	7.1	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 and refilling the trench etc as required.				
	7.1.1	Upto 35sq mm	90	meter	196.95	Rs. One hundred ninety six and paise ninety five only.
98	2.10	Providing and fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuse including drilling holes in cubical panel, making connections etc. as required.				
	2.1.3	100 Amps TP&N	1	Each	4569.2	Rs. Four thousand five hundred sixty nine and paise twenty only.
	2.1.1	32 Amp TP&N	3	Each	1497.8	Rs. One thousand four hundred ninety seven and paise eighty only.
99	6.10	Providing and fixing of lighting conductor finial made of 25mm dia 300 long copper, tube having single prong at top with 85mm dia 3mm thick copper base plate including hole etc complete as required.	3	Nos.	771.64	Rs. Seven hundred seventy one and paise sixty four only.
100	6.5	Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For horizontal run)	100	meter	379.76	Rs. Three hundred seventy nine and paise seventy six only.

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101	6.6	Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For vertical run)	82	meter	410.06	Rs. Four hundred ten and paise six only.
102	14.13	Providing , laying and fixing of following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and refilling etc. as required.				
		150 mm dia.	20	meter	1,529.14	Rs. One thousand five hundred twenty nine and paise fourteen only.
103	14.14	Providing, laying and fixing following dia RCC pipe NP2 class(light duty) in ground complete with RCC collars, joints with cement mortar 1:2 ( 1 cement : 2 fine sand ) including trenching (75 cm) and refilling etc.as required. (Road crossing as per site condition)				
		150mm dia	10	meter	387.84	Rs. Three hundred eighty seven and paise eighty four only.
104	2.5.	Providing & fixing following capacity busbar chamber with 4 strips of suitable size made of copper, heavy duty, complete with all accessories including connections,				
	2.5.3	200 Amps	1	Each	6,161.00	Rs. Six thousand one hundred sixty one only.

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105	2.7	Providing and fixing following capacity four pole OFF-load changeover switch with side handle operation, in sheet enclosure in existing metal board, including drilling holes in metal panel, making connections etc. as required.				
	2.7.3	100 Amps, Four pole	1	Each	7,683.00	Rs. Seven thousand six hundred eighty three only.
					<b>TOTAL (C)=</b>	<b>582,738.36</b>

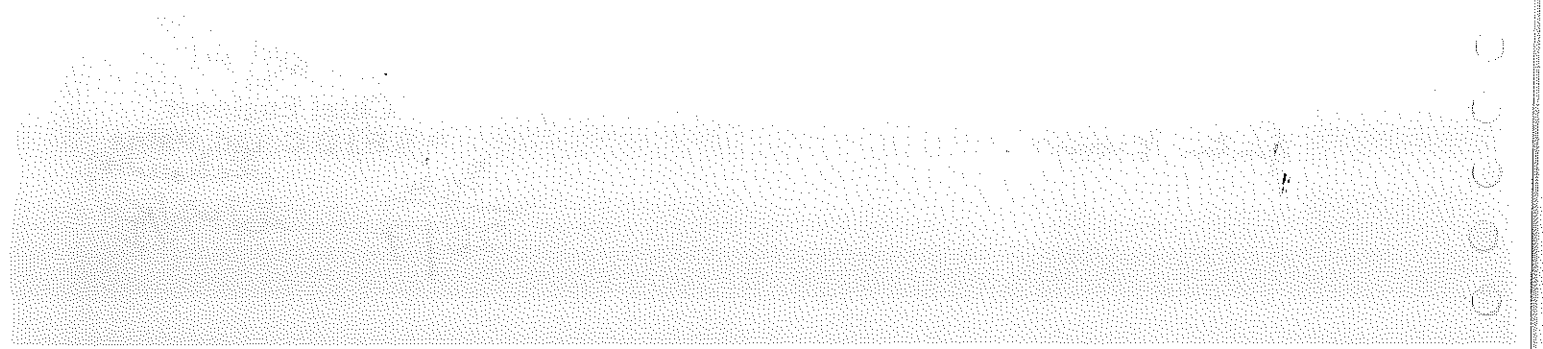
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106	DGS&D	Brand new ISI marked Life Guard ABC type multipurpose Fire Extinguishers 4 Kgs. Capacity, fitted with pressure guage complete in all respects, ready to use, complete installation kit.	10	Nos.	7,549.75	Rs. Seven thousand five hundred forty nine and paise seventy five only.
					<b>TOTAL (D)=</b>	<b>75,497.50</b>

**CARRIAGE OF MATERIALS**

		Type of materials			Rate Incl. 1% Lab. Cess	
		Cement	253.87	MT	289.87	Rs. Two hundred eighty nine and paise eighty seven only.
		Sand	375.88	cum	1,826.79	RS. One thousand eight hundred twenty six and paise seventy nine. only.
		Local Sand	329.38	cum	205.29	Rs. Two hundred five and paise twenty nine only.
		Stone Chips	356.5	cum	547.24	Rs. five hundred forty seven and paise twenty four only.
		Brick	228.53	Thous	601.67	Rs. Six hundred one and paise sixty seven only.
		Steel	38.25	MT	289.87	Rs. Two hundred eighty nine and paise eighty seven only.
					<b>TOTAL (E)=</b>	<b>1,171,538.21</b>
					<b>TOTAL (A+B+C+D+E+F)=</b>	<b>12,409,845.00</b>

(Rupees One Crore Twenty Four Lacs Nine Thousand and Eight Hundred Forty Five Only)

Ravin Kumar

Chief Engineer

S.S.E.I.D.C. Ltd Patna

24/12/17  
26/12/17

26/12/17



## Manual Boring-Construction of 125mm x 40mm x 90m T/well

Part 'A' - Cost of Material						
1		125mm dia UPVC casing pipe confirming to ISS	27.00	Meter	315.00	Rs. Three hundred fifteen only.
2		40mm dia UPVC pipe confirming to ISS	48.00	Meter	99.38	Rs. Ninety nine and paise thirty eight only.
3		40mm dia PVC ribbed strainer of approved quality	8.00	Meter	182.00	Rs. One hundred eighty two only.
4		Reducing socket 125mm x 40mm	1.00	Each	270.00	Rs. Two hundred seventy only.
5		Supplying all labour and materials & fitting & fixing PVC cap over the new sink T/well	1.00	Each	140.00	Rs. One hundred forty only.
6	B.S.R 1548	Providing and fixing of G.I pipes complete with G.I fittings and clamps, including, cutting and making good etc 32 mm dia (15% C.P & 1% L.Cess)	18.00	mtr	224.44	Rs. Two hundred twenty four and paise forty four only.
7	B.S.R 1928	32 mm nominal bore Brass Full valve (15% C.P & 1% L.Cess)	1.00	Each	511.21	Rs. Five hundred eleven and paise twenty one only.
8		Supplying all equipments, tools and installation of 1 HP single phase submersible motor pump set of KSB/ ISI make 2900 rpm capable of discharge 5000 LPH at 45 Mtr head with all necessary riser pipe, starter control panel, 1.25" Full way valve, 1.25" M.S clamp, 1.25" G.I Elbow, 1.25" check valve, 1.25" x 9" long G.I Nipple etc. all complete as per direction of E/I	1.00	Each	26,446.00	Rs. Twenty six thousand four hundred forty six only.

Ravi Kumar

Chief Engineer  
B.S.E.I.D.C. Ltd Patna24/07/17  
26/7/17

26/07/17

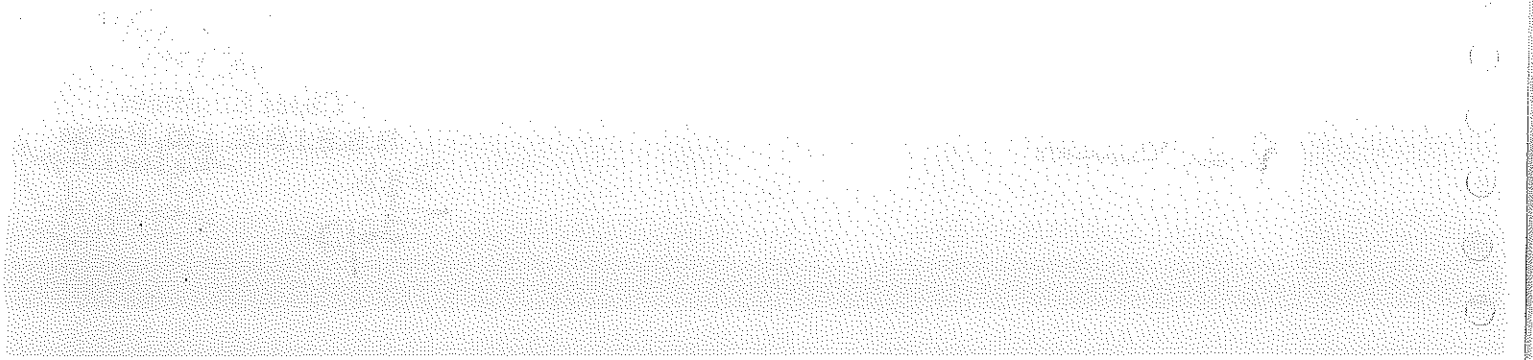


## Part 'B' - Cost of Labour

		Boring by jet dheki by suitable cutter of reduce as the case may be lowering 125 mm x U.P.V.C x 40 mm dia G.I pipe & strainer of standard quality iron, shoe, plug & socket etc. all complete including providing all tools and plants required for the job as per specification and direction of the engineer in charge.				
		(i) 0 to 30.5 m				
9		(a) For 125 mm dia U.P.V.C pipe	27.00	mtr	208.77	Rs. Two hundred eight and paise seventy seven only.
10		(b) for 40 mm dia UPVC pipe	✓		✓	✓
		(i) 0 to 30.5 m	3.50	mtr	119.03	Rs. One hundred nineteen and paise three only.
		(ii) 30.5 m to 61.0 m	✓			✓
11		(a) For 40 mm dia UPVC pipe	30.50	mtr	136.88	Rs. One hundred thirty six and paise eighty eight only.
		(iii) 61.00 m to 75.00 m	✓		✓	
12		a) For 40mm dia UPVC pipe	14.00	mtr	148.79	Rs. One hundred forty eight and paise seventy nine only.
		(iv) 75.00 m to above	✓		✓	
13		a) For 40mm dia UPVC ribbed strainer of approved quality	8.00	mtr	148.79	Rs. One hundred forty eight and paise seventy nine only.
14		Providing all labour & tools and lowering 32 mm dia G.I pipe as per specificatin etc. all Complete	24.00	mtr	21.34	Rs. Twenty one and paise thirty four only.
15		Supplying labour and developing the T/Well to have sand free discharge all complete as per direction of E/I	1.00	Each	280.50	Rs. Two hundred eighty and paise fifty only.
					<b>Total =</b>	<b>60,432.59</b>

Ravi Kumar

Chief Engineer  
B.S.E.I.D.C. Ltd Patna  
24/12/2017  
26/12/2017  
26/12/2017



## Detail Estimate of Septic Tank

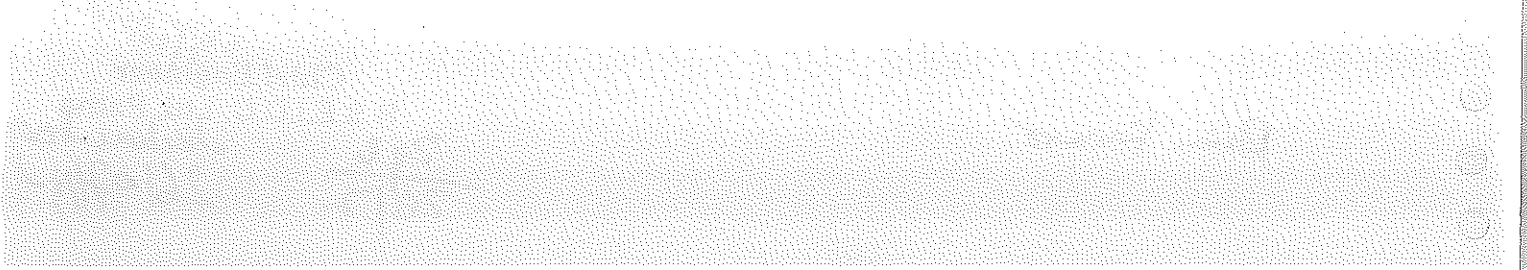
70	2.8.1	Earthwork in excavation				
		(i) Septic tank	31.89	cum	205.20	Rs. Two hundred five and paise twenty only.
71	2.28	Sand filling	1.02	cum	192.50	Rs. One hundred ninety two and paise fifty only.
72	11.72	Flat Brick soling	13.57	sq.m	227.60	Rs. Two hundred twenty seven and paise sixty only.
73	4.1.5	P.C.C. (1 : 3 : 6)	2.71	cum	2,775.70	Rs. Two thousand seven hundred seventy five and paise seventy only.
		(i) Sloping portion 1:20	0.27	cum	2,775.70	Rs. Two thousand seven hundred seventy five and paise seventy only.
74	6.1A + 6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 : 4 (1 cement: 4 coarse sand )				
		(i) Long wall	6.06	cum	4,184.00	Rs. Four thousand one hundred eighty four only.
		(ii) Short Wall	2.06	cum	4,184.00	Rs. Four thousand one hundred eighty four only.
		(iii) Partition wall	0.26	cum	4,184.00	Rs. Four thousand one hundred eighty four only.
		(iv) Partition wall	0.37	cum	4,184.00	Rs. Four thousand one hundred eighty four only.
75	13.17.1 +13.36.1	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)	23.14	sq.m	145.50	Rs. One hundred forty five and paise fifty only.
			21.36	sq.m	145.50	Rs. One hundred forty five and paise fifty only.
			8.32	sq.m	145.50	Rs. One hundred forty five and paise fifty only.

Rajin Kumar

Chief Engineer  
B.S.E.I.D.C. Ltd, Patna24/6  
26/726/7/17  
26/07/17



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			-	sq.m	132.10	Rs. One hundred thirty two and paise ten only.
76	13.13.1 + 13.26	20 mm cement Plaster 1:3 (1 cement: 3 coarse sand) with a floating coat of neat cement & neat cement punning	4.68	sq.m	185.60	Rs. One hundred eighty five and paise sixty only.
			11.97	sq.m	185.60	Rs. One hundred eighty five and paise sixty only.
77	5.1.3	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)				
		(i) Roof cover slab of septic tank	0.90	cum	3,438.90	Rs. Three thousand four hundred thirty eight and paise ninety only.
		(ii) Rcc Beam in septic tank	0.03	cum	3,438.90	Rs. Three thousand four hundred thirty eight and paise ninety only.
78	5.22.7A	(i) Steel 8mm in R.C.C.	93.00	Kg.	74.40	Rs. Seventy four and paise forty only.
79	Code no. of 1352	(i) C.I. cover and frame 300 x 300 mm inside	1.00	Each	374.06	Rs. Three hundred seventy four and paise six only.
80	Code no. of 1621	(ii) S.C.I. plain bend 100 mm dia	1.00	Each	436.40	Rs. Four hundred thirty six and paise forty only.
81	Code no. of 7087	(iii) S.C.I. Tee 150 mm dia	1.00	Each	748.11	Rs. Seven hundred forty eight and paise eleven only.
					<b>Total =</b>	<b>77161.79339</b>

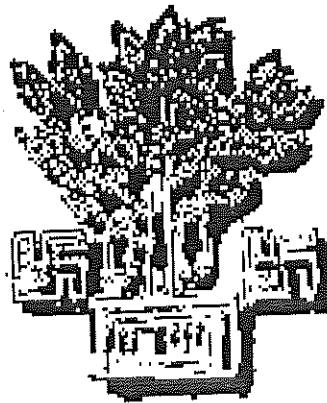
Tender approved in favour of Ravin Kumar @ 10.00% (Ten Decimal Zero Zero Percent) below BOQ rates i.e. total amount comes to Rs. 1,11,68,860=00 (Rupees One Crore Eleven Lacs Sixty Eight Thousand Eight Hundred Sixty Only)

Ravin Kumar

537/26/12/17  
 Chief Engineer  
 B.S.E.I.D.C. Ltd, Patna  
 24/12/17  
 26/12/17



38



GOVERNMENT OF BIHAR

**STANDARD BIDDING DOCUMENT**  
**PROCUREMENT**  
**OF**  
**CIVIL WORKS**

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

24/11  
26/7

Seal and Signature of Tenderer

# BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

✓  
Chief Engineer  
B.S.E.I.D.C. Ltd, Patna

24/0  
26/7

Seal and Signature of Tenderer

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# STANDARD BIDDING DOCUMENT

## PROCUREMENT OF CIVIL WORKS

  
Seal and Signature of Tenderer

✓  
Chief Engineer  
B.S.E.I.D.C. Ltd, Patna

240  
26/7

**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 : CONSTRUCTION OF PROPOSED UPGRADED SENIOR SECONDARY SCHOOLS IN BIHAR.

<u>Group . No.</u>	<u>District</u>	<u>Name of School</u>
USSS-42 (D)	Gaya	Middle School, Noni

2. PERIOD OF CONSTRUCTION : 15 Months.
3. DATE OF ISSUE OF NOTICE INVITING BID : 25.02.2016
4. PERIOD AND PLACE OF SALE : FROM : 18-03-2016 To 03-04-2016, 15.00 Hours  
OF BID DOCUMENT on Website : [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in)
5. TIME, DATE AND PLACE OF PRE- BID MEETING : TIME : 16:00 HOURS, Date : 29-03-2016, in the office of Managing Director, BSEIDC, Patna.
6. LAST DATE AND TIME FOR RECEIPT OF BIDS : DATE : 04-04-2016, TIME; 15:00 HOURS  
on Website : [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in)
7. LAST DATE AND TIME FOR RECEIPT OF EARNEST MONEY : DATE : 06-04-2016, TIME; 15:00 HOURS  
on Website : [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in)
8. \*TIME AND DATE OF OPENING TECHNICAL BIDS : DATE : 06-04-2016, TIME: 16:30 HOURS  
on Website : [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in)
9. \*TIME AND DATE OF OPENING FINANCIAL BIDS : DATE : 21-04-2016, TIME: 15:30 HOURS  
on Website : [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in)
10. PERIOD OF BID VALIDITY : 120 Days.
11. OFFICER INVITING BIDS : Chief Engineer, BSEIDC, Patna.
- \*Should be the same as for the deadline for receipt of bids or promptly thereafter.*

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

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Perin Kumar  
Seal and Signature of Tenderer

40

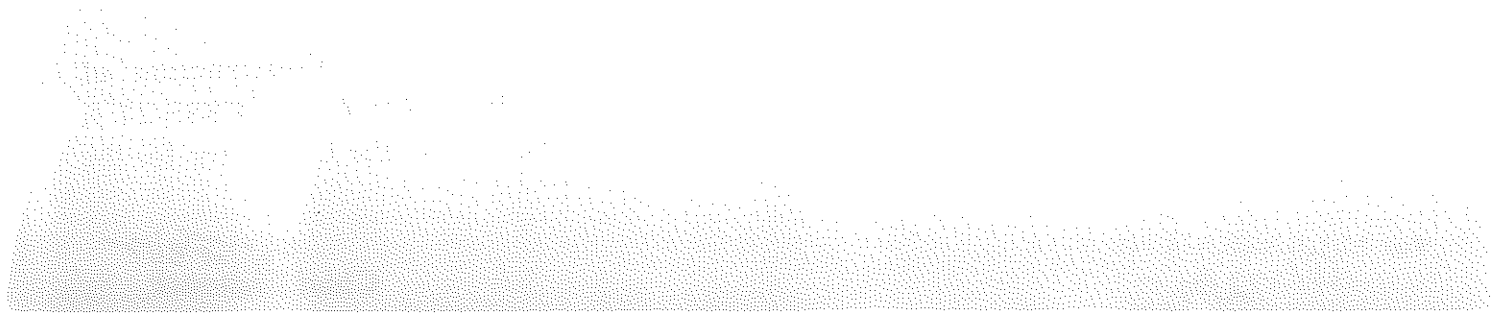
INVITATION FOR BID  
(IFB)

Chief Engineer  
S.S.E.I.D.C. Ltd, Patna

24/01/17  
26/17

Seal and Signature of Tenderer

10-10-10  
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2

execution of such work and the remedying of any defects therein, at a cost of Rs. 1,10,64,500/-  
(Rupees One Crore Ten Lacs Sixty Four Thousand Five Hundred Only)

for Mr. BALRAM KUMAR

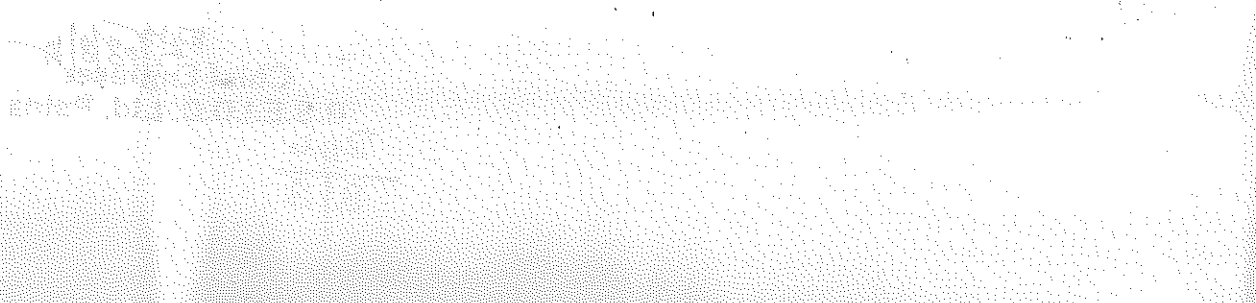
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31/08/12  
Chief Engineer

B.S.E.I.D.C. Ltd, Patna

246  
8/8



NOW THIS AGREEMENT WITNESSETH as follows :

1. In this Agreement, words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the Execution and completion of the works and the remedying the defects wherein contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the contract.
4. The following documents shall be deemed to form and be ready and construed as part of this Agreement Viz.
  - i) Letter of Acceptance
  - ii) Notice to proceed with the 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 day and year 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.....

For M/s BALRAM KUMAR

Qm214

Partner

Chief Engineer

B.S.E.I.D.C. Ltd, Patna

24/8  
8/8

Page 10

## Performance Security

Name of Agency – “M/S Balram Kumar”

Performance Security of “M/S Balram Kumar” of “USSS-24A”

<u>FDR No.</u>	<u>DOI</u>	<u>Amount</u>
36694700142	16.03.17 To 16.03.19	637000.00

(Rupees Six Lacs Thirty Seven Thousands Only)

*Amit K. Son*  
 लेखा पदाधिकारी 30/3/17  
 बिहार राज्य शैक्षणिक आधारभूत संरचना  
 विकास निगम लि०, पटना  
*Ranjay*  
 30/03/17

for M/S BALRAM KUMAR

*Chaman*  
 Partner

*30/03/17*  
 Chief Engineer  
 B.S.E.I.D.C. Ltd, Patna

*24/8*  
*8/8*

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# BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LT

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

Cor. ID. No.: U80301BR2011SGC015859, e-mail: bseidc@gmail.com, website: www.bseidc.in, Fax No.: 0612-2660256

## Letter of Acceptance

Letter no :- BSEIDC/FIN/2797/2016-17/- 1248

Date: 16.02.17

To,

M/S Balram Kumar  
Kapasiya, RTS, Begusarai.

Dear Sir,

This is to notify you that your Bid dt. 25.04.2016 for execution of "Construction of (Group No- USSS-24A) Upgraded Middle School Bihaura Lakhisarai) of NIT No.-46/ 2015-16) in the State of Bihar" 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. 1,10,64,500 =00 (Rs. One Crore Ten Lacs Sixty Four Thousand Five Hundred Only) You are hereby requested to furnish performance security including additional security in the form detailed in I.T.B. para 31.1, 27.4 and clarification issued thereon by RCD, Govt. of Bihar, vide letter no. 3376 (E) dt. 17.08.2010, for an amount equivalent to Rs 6,37,000=00 (Rs. Six Lacs Thirty Seven Thousand Only) within ten days of receipt of this letter of acceptance valid upto 28 days from the date of expiry of defects liability period and sign the contract, failing which action as stated in Para 31.3 of ITB will be taken.

Yours faithfully

(Brajesh Prasad)  
Chief Consultant (Technical)

Date: 16.02.17  
Copy forwarded to : Sri Pankaj Kumar Singh, Computer Programmer for uploading on BSEIDC website/Senior Account Officer, BSEIDC, Patna for information & necessary action

Memo no: BSEIDC/FIN/2797/2016-17/- 1248

Copy forwarded to : Sri Pankaj Kumar Singh, Computer Programmer for uploading on BSEIDC website/Senior Account Officer, BSEIDC, Patna for information & necessary action

Memo no: BSEIDC/FIN/2797/2016-17/- 1248

Copy forwarded to : Chief Engineer, BSEIDC, Patna for information Please.

Chief Consultant (Technical)

Date: 16.02.17

Memo no: BSEIDC/FIN/2797/2016-17/- 1248

Copy forwarded to : Managing Director, BSEIDC, Patna for information Please.

Chief Consultant (Technical)

Date: 16.02.17

M/S BALRAM KUMAR

Partner

Chief Consultant (Technical)

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

249  
318





# 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. (Tel. No: 0612-2910314)

Cor. ID: US0301BR2011SGC015859, e-mail: bseidc@gmail.com, website: www.bseidc.in, Fax No: 0612-2660256

Letter no.: BSEIDC/NIT/2015-16/- 4354

Patna. Date: 11.05.2016

## CORRIGENDUM NOTICE NO.- 3

With reference to N.I.T. No. 46/2015-16 dated 25.02.2016 for "Construction of Senior Secondary School (SSS) in different districts of Bihar" the following amendment has been made as mentioned below :-


- (i) The Tender for Construction of School Building "Middle School Rampur Tilak East" at Sl. No.-15, Group: USSS-8 (B) in the District-Purnia is Cancelled due to unavoidable reasons.

The other terms and conditions will remain unchanged.

  
11-5-2016

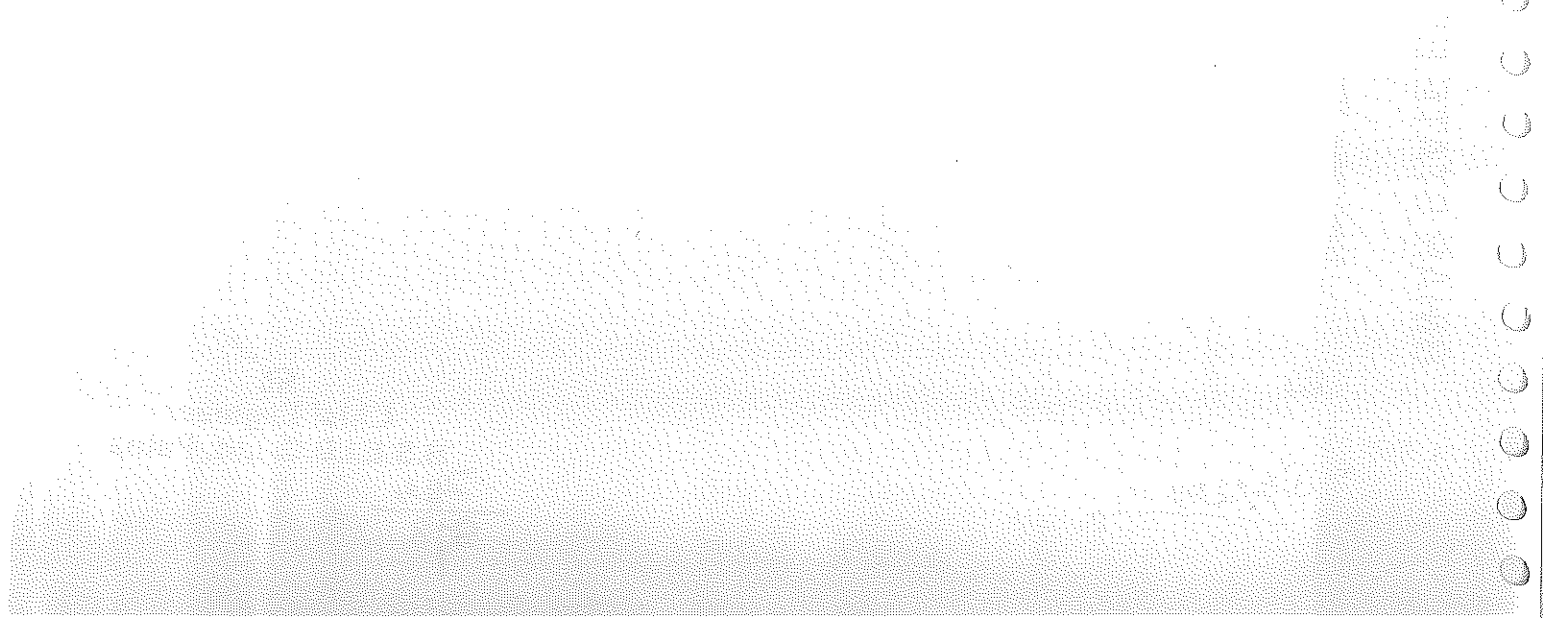
(Brajesh Prasad)

Chief Consultant (Technical)

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

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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. (Tel. No: 0612-2910314)

Cop. ID: US9301BR2011SGC0115859. e-mail: bseidc@gmail.com, website: www.bseidc.in, Fax No.: 0612-2660256

Letter no.: BSEIDC/NIT/2015-16- 3307

Patna, Date : 04-04-16

CORRIGENDUM NOTICE NO.-02

With reference to N.I.T. No. 46/2015-16 dated 25.02.2016 for "Construction of Senior Secondary School (SSS) in different districts of Bihar" the following amendments have been made as mentioned below :-

- (i) At Sl. No.-08 in Group: USSS-4 (A), District- Sitamarhi, the name of School building Middle School Batara is deleted.
- (ii) At Sl. No.-17 in Group No: USSS-10 (B), Distt.-Saharsa, the name of School Middle School Bhagwanpur is deleted.
- (iii) At Sl. No.-18 in Group No: USSS-11 (A), Distt.-Darbhanga, the name of School "Upgraded Middle School Dharauli" to be read as "Upgraded Middle School Raj Kharwar".
- (iv) At Sl. No.-21 in Group No: USSS-11 (D), Distt.- Darbhanga, the name of School Upgraded Middle School Kamalpur East is Deleted.
- (v) At Sl. No.-30 in Group No: USSS-18 (A), Distt.- Bhagalpur, the name of School Middle School Pothiya is Deleted.
- (vi) At Sl. No.-41 in Group No: USSS-22 (B), Distt.- Munger, the name of School "Middle School katiyari" to be read as "Middle School Madhura".
- (vii) At Sl. No.-58 in Group No: USSS-31 (C), Distt.- Buxar, the name of School Middle School Girdhari Baraonw is Deleted.

The other terms and conditions will remain unchanged.

for M/s BALRAM KUMAR

*Signature*

Partner

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

*Signature*  
2/10  
9/8

*Signature*  
(Brajesh Prasad)  
Chief Consultant (Technical)

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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. (Tel. No: 0612-2910314)

Cor. ID: US000BR20HISG015559, e-mail: bseidc@gmail.com, website: www.bseidc.in, Fax No. 0612-2660256

Letter no.: BSEIDC/NIT/2015-16- 3306

Patna. Date : 04/04/16

## CORRIGENDUM NOTICE NO.- 1

With reference to N.I.T. No. 46/2015-16, dated 25.02.2016 published in Daily News Paper "हिन्दुस्तान" Vide P.R.-14274 (Ni.Ni.)15-16 through e-tendering Website: [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in) for "Construction of Senior Secondary School (SSS) in different districts of Bihar" the following amendments have been made as mentioned below :-

SL. no.	Existing provision	Amended provision
1	Period of Sale of Bid document (Download) from dated 18.03.2016 to 03.04.2016, 15:00 Hrs.	Period of Sale of Bid document (Download) from dated 25.04.2016 to 16.05.2016, 15:00 Hrs.
2	Date and Time of Pre bid Meeting- 29.03.2016, 16:00	Date and Time of Pre bid Meeting- 02.05.2016, 16:00
3	Last date and time for receipt (Upload) of Bids on dated 04.04.2016, 15:00 Hrs.	Last date and time for receipt (Upload) of Bids on dated 17.05.2016, 15:00 Hrs.
4	Time and date for opening of Technical Bids on dated 06.04.2016, 16:30 Hrs.	Time and date for opening of Technical Bids on dated 19.05.2016, 16:30 Hrs.
5	Time and date for opening of Financial Bids on dated 21.04.2016, 15:30 Hrs.	Time and date for opening of Financial Bids on dated 31.05.2016, 15:30 Hrs.
6	The Cost of BOQ and EMD will be accepted up to 19.05.2016, 15:00 Hrs.	

The other terms and conditions will remain unchanged.

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

(Brajesh Prasad)  
Chief Consultant (Technical)



9

BILL OF QUANTITIES FOR PROPOSED BUILDING OF 10+2 SCHOOL						
Based on SOR FOR BCD BIHAR- 15-09-2014, D.S.R. 2014 & D.S.R. (ELECTRICAL)2014						
GROUP NO- USSS-24 (A)						
DISTRICT		NAME OF SCHOOL				
Lakhisari		Upgraded Middle School Bihraura				
Sr.No	SOR Item No.	Item Of Work	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	Below Plinth					
<b>Earth Work</b>						
1	2.8.1	Earthwork in excavation in areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm 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.	470.76	cum	205.20	Rs. Two hundred five and paise twenty only.
<b>Brick Soling</b>						
2	11.72	Providing designation 100A one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/L	607.56	sqm	226.60	Rs. Two hundred twenty six and paise sixty only.
<b>Sand Filling</b>						
3	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	265.85	cum	192.50	Rs. One hundred ninety two and paise fifty only.

for MICHAEL KUMAR

*Signature*

Director

Chief Engineer

B.S.E.I.D.C. Ltd, Patna

*Signature*  
3/8

5/8/08/12  
SK Chowhan  
08/05/12

