

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

ONE THOUSAND RUPEES

₹.1000

Rs.1000

INDIA

BIHAR

2013

2013

+

5621

379510

19-10-13

379510

श्रीमान सुनील कुमार, सहायक निदेशक, बिहार राज्य शिक्षा विकास निदेशालय, पटना  
श्रीमान एन.ए. (सुनील कुमार) के द्वारा निदेशांक 379510 दिनांक 19-10-13 पर  
आधारित निदेशांक

AGREEMENT No. 150 SBD of 2013-14

Name of Work

: Upgradation of Secondary School in Bihar Group no. USS-46  
Middle School at Ganga Dharampur in the District of Sheohar &  
Middle School at Baluya, Thumma and Pachanour in the District  
of Sitamarhi.

Name of Agency

: Sadafal Construction Pvt. Ltd.

Date of Commencement

: 18-11-2013

Time of completion

: Ten Months

Estimate Cost

: Rs. 2,23,40,755/-

Agreement Value

: Rs. 2,27,87,570/- (2.0% above BOQ negotiated rates)

Earnest Money

:

Performance Security

: Rs. 4,56,000/- (Details attached)

certified copy

Chief Consultant (Technical)

Bihar State Educational Infrastructure  
Development Corporation Ltd., Patna

This agreement, made the ...18<sup>th</sup> November, 2013 between Bihar State Educational Infrastructure Development Corporation Ltd. Patna. Hereinafter called the Employer of the first part and Sadafal Construction Pvt. Ltd, AT- Ward No.-03, Belsand, Sitamarhi, Bihar hereinafter called "the Contractor of the other part".

Whereas the Employer's is desirous that the Contractor execute Construction of Upgradation of Secondary School in Bihar Group no. USS-46 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. 2,27,87,570/- (Rupees Two Crore twenty seven lacs eighty seven thousand five hundred seventy only.)

SADAFAL CONSTRUCTION PVT. LTD.

DIRECTOR

Chief Consultant (Technical)  
Bihar State Educational Infrastructure  
Development Corporation Ltd., Patna

16-11-13



**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)

**NOTICE TO PROCEED WITH THE WORK**

Letter no :- BSEIDC/FIN/571/2013- 3062

Date... 18/11/2013.....

To,

Sadafal Construction Pvt. Ltd.,  
AT- Ward No.- 03,  
Belsand, Sitamarhi.

Dear Sir,

Pursuant to your furnishing the requisite security as stipulated in ITB clause 31.1 and signing of the Contract for the "Construction of Upgraded Secondary School Buildings" in Bihar -- Group no. USS-46 (Middle Schools at Ganga Dharampur in the District of Sheohar & Middle School at Baluya, Thumma and Pachanour in the District of Sitamarhi), at a contract price of Rs. 2,27,87,570=00 (Rs Two Crore Twenty Seven Lacs Eighty Seven Thousand Five Hundred Seventy only), you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents and in consultation with the Engineer-in-Charge and the concerned Supervision Consultant.

Yours faithfully,

  
Chief Consultant (Technical)

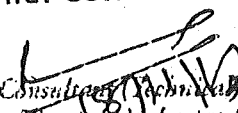
Memo no: BSEIDC/FIN/571/2013- 3062

Date: 18/11/2013

Copy forwarded to : i) Executive Engineer I/C of the Project.

ii) Supervision Consultant of the Project.

  
Chief Consultant (Technical)

  
Chief Consultant (Technical)  
Bihar State Educational Infrastructure  
Development Corporation Ltd., Patna

16.11.13

**DAFAL CONSTRUCTION PVT. LTD.**

  
DIRECTOR



# BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

(A Govt. Of Bihar Undertaking)

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

## Letter of Acceptance

Letter no :- BSEIDC/FIN/571/2013- 2393

Date...11/9/13.....

To,

Sadafal Construction Pvt. Ltd.,  
AT- Ward No.- 03,  
Belsand, Sitamarhi.

Dear Sir,

This is to notify you that your Bid dt. 11.07.2013 for execution of "Construction of Upgraded Secondary School Buildings" in Bihar – Group no. USS-46 (Middle Schools at Ganga Dharampur in the District of Sheohar & Middle School at Baluya, Thumma and Pachanour in the District of Sitamarhi) has been accepted by Corporation at negotiated rate of 2.0% (Two Decimal Zero Percent) above BOQ rates amounting to total contract price of Rs. 2,27,87,570=00 (Rs Two Crore Twenty Seven Lacs Eighty Seven Thousand Five Hundred Seventy only) as per negotiation held with you on 23.08.2013.

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. 4,56,000=00 (Rs. Four Lacs Fifty Six 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

11/9/13  
Chief Consultant(Technical)

Chief Consultant(Technical)  
Bihar State Educational Infrastructure  
Development Corporation Ltd., Patna

SADAFAL CONSTRUCTION PVT. LTD.

Shivacharya 14,

DIRECTOR

11/9/13



बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड

(बिहार सरकार का एक उपक्रम)

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

पुनर्निविदा आमंत्रण सूचना संख्या-08 वर्ष 2013-14

प्रतिशत मद दर निविदा

(केवल ई-टेन्डरिंग पद्धति के अनुसार वेबसाइट [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in) पर)

1. शिक्षा विभाग, बिहार के अन्तर्गत उत्कृष्ट माध्यमिक विद्यालयों के भवन निर्माण कार्य हेतु निम्नांकित निविदायें पुनः आमंत्रित की जाती हैं। कोई भी संवेदक जो केन्द्रीय/राज्य सरकार/सार्वजनिक क्षेत्रों में निबंधित हो, निविदा में भाग ले सकते हैं परन्तु इस निगम का रजिस्ट्रेशन कराना, उक्त कार्य का लेटर ऑफ एक्सेप्टेंस प्राप्त होने के बाद अनिवार्य होगा :-

क्र. म.	ग्रुप संख्या	जिला का नाम		प्रखण्ड का नाम	विद्यालय का नाम	प्राक्कलित राशि (लाख रु०)	अग्रधन की राशि (लाख रु०)	परिमाण विपत्र की राशि(रु०)	कार्य समाप्ति की अवधि
1	USS-34(B)	गया	1	गुरूआ	म० वि०, चौसी	93.24	1.87	15,650.00	10 माह
			2	इमामगंज	उर्दू म० वि०, कोठी				
2	USS-46	शिवहर	1	तरियानी	म० वि०, गंगा धरमपुर	223.34	4.47	15,650.00	10 माह
		सितामढ़ी	2	रून्नी सैदपुर	म० वि०, बलुआ				
			3	रून्नी सैदपुर	म० वि०, धुम्मा				
			4	बेलसंड	म० वि०, पचनौर				
3	USS-78	अररिया	1	फारबिसगंज	म० वि० मधुबनी	224.50	4.49	15,650.00	10 माह
			2	फारबिसगंज	म० वि० टेढ़ी मुसहरी				
			3	अररिया	म० वि०, पैकटोला				
			4	अररिया	म० वि०, बाँरावाड़ी				
4	USS-217	मधुबनी	1	खुटौना	म० वि०, एकथ्था	49.94	1.00	6150.00	10 माह

(नोट :- निविदाकार एक या अधिक ग्रुप में अलग-अलग निविदा डाल सकते हैं।)

- (2) विज्ञापन निर्गत करने की तिथि :- दिनांक:- 13.06.2013

(3) परिमाण विपत्र प्राप्त करने(डाउनलोड) की अवधि एवं समय :- दिनांक- 20.06.2013 से 10.07.2013 15:00 घंटा  
(वेबसाइट: [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in) पर)

(4) प्री बिड मीटिंग का समय, स्थान एवं तिथि :- दिनांक:- 03.07.2013 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- 11.07.2013 समय- 15:00 घंटा

(6) टेक्निकल बिड खोलने की तिथि एवं समय :- दिनांक- 12.07.2013 समय- 15:30 घंटा  
(वेबसाइट-[www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in) पर)

(7) वित्तीय बिड खोलने की तिथि एवं समय :- दिनांक- 19.07.2013 समय- 16:00 घंटा

(8) निविदा खोलने का स्थान :- वेबसाइट-[www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in) पर

(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 (user ID) पासवर्ड (Password) अंकीय हस्ताक्षर (Digital Signature) निर्गत की जायेगी। यह उन्हें वेबसाइट [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in) से डाउनलोड करने/टेंडर की प्रक्रिया में भाग लेने की योग्यता प्रदान करेगा।

(11) ई-निविदा पत्र वेबसाइट [www.eproc.bihar.gov.in](http://www.eproc.bihar.gov.in) से प्राप्त किया जा सकता है। संवेदक द्वारा सिर्फ उपर्युक्त वेबसाइट से ही परिमाण विपत्र प्राप्त करने के उपरांत वेबसाइट पर ही इलेक्ट्रानिक निविदा पत्र को भरकर भेजना है। अन्य सभी महत्वपूर्ण कागजात/बैंक ब्यापक/आवृत्ति की राशि/सभी प्रमाण पत्र जो निविदा के लिए आवश्यक है को स्कैन कर ई-निविदा के साथ संलग्न करना अनिवार्य है। साथ ही संलग्न तस्तावेज का एक Hard copy, जो प्रत्येक पृष्ठ पर स्वहस्ताक्षरित हो मिलान हेतु BSEIDC Ltd. पटना के कार्यालय में निविदा प्राप्ति की अंतिम तिथि के एक दिन बाद तक यानी दिनांक- 12.07.2013 के अपराह्न 3:00 बजे तक एक अलग लिफाफे में जमा करना भी आवश्यक होगा।

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

**SADAFAL CONSTRUCTION PVT. LTD.**

(Seal & Signature of Tenderer)

**DIRECTOR**

*Chief Consultant (Technical)*  
Bihar State Educational Infrastructure  
Development Corporation Ltd., Patna





**Bihar State Educational Infrastructure Development Corporation Ltd.**  
**AGREEMENT FOR UPGRADED SECONDARY SCHOOLS IN BIHAR**

Group No. : USS-46

S.N.	District	Block	Name of School
1	Shivhar & Sitamari	Tariyani	Middle School Ganga dharampur
2		Runni Saidpur	Middle School Balua
3		Runni Saidpur	Middle School Thumma
4		Belsand	Middle School Pachnaur

THE ITEM RATES ARE BASED ON BIHAR S.O.R, BCD, (16.07.2012 & 01.10.12 ) & DSR 2012

**BUILDING WORKS : ( Quantity per School )**

**CIVIL WORKS**

Sl.No.	Sub No.	SOR Ref.No.	DESCRIPTION	Quantity	Unit	Rate	Amount
			<u>2.0 Earth Work</u>				
1		2.8	EARTH WORK IN EXCAVATION over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom, lift upto 1.5m including getting out the excavated soil and disposal of surplus soil as directed, within a lead of 50m.				
		2.8.1	ALL KINDS OF SOIL	24.06	CU.M	160.60	Rs. One hundred sixty and paise sixty only.
2		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 of 50 m.	0.00	CU.M	51.80	
3		2.28	SUPPLY AND FILLING in plinth & Foundation with local sand and under floors including watering, ramming, consolidating and dressing and dressing complete.	173.23	CU.M	180.20	Rs. One hundred eighty and paise twenty only.
4	✓	2.29.1	SURFACE DRESSING of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m	3.50	100 SQ.M	577.50	Rs. Five hundred seventy seven and paise fifty only.

SADAFAL CONSTRUCTION PVT. LTD.  
*Sadafal*  
 DIRECTOR

*16/11/12*  
 Chief Engineer (Technical)  
 Bihar State Educational Infrastructure  
 Development Corporation Ltd., Patna

*16-11-12*



5		<b>4.0 Concrete Work</b>				
	4.5	Providing and laying of in position cement concrete of specified grade, excluding the cost of centering and shuttering all work upto plinth level				
	4.5.6	1:3:6 (1 Cement : 3 Coarse sand : 6 graded stone aggregate 40mm nominal size)	19.18	CU.M	2444.10	Rs. Two thousand four hundred forty four and paise ten only.
6		<b>5.0 Reinforced Cement Concrete</b>				
	5.1	Providing and laying of in position, of specified mix of reinforced cement concrete, excluding the cost of centering and shuttering, finishing and reinforcement - all work upto plinth				
	5.1.2	1:1½:3 (1 Cement : 1½ Coarse sand : 3 graded stone aggregate 20 mm nominal size) IN FOUNDATION.	33.68	CU.M	3689.10	Rs. Three thousand six hundred eighty nine and paise ten only.
7	5.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, butteresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upto floor v level, excluding costs of centering, shuttering, finishing and reinforcement.				
		<b>Col. In plinth &amp; superstructure</b>				
	5.2.2	1:1½:3 (1 Cement : 1½ Coarse sand : 3 graded stone aggregate 20 mm nominal size).	24.83	CU.M	3737.50	Rs. Three thousand seven hundred thirty seven & paise fifty only.
8	5.3+ 5.44.4	Reinforced cement concrete work in beams , upto five level excluding cost of centring, shuttering and finishing and reinforcement with 1:1½:3(1cement: 1½ coarse sand :3 graded stone agreagate 20 mm niminal size)	7.04	CU.M	3963.77	Rs. Three thousand nine hundred sixty three & paise seventy seven only.



9		5.3+ 5.44.4	Reinforced cement concrete work in LINTEL BAND upto five level excluding cost of centring, shuttering and finishing and reinforcement with 1:1½:3(1cement: 1½ coarse sand :3 graded stone aggregate 20 mm nominal size)	32.48	CU.M	3963.77	Rs. Three thousand nine hundred sixty three & paise seventy seven only.
10		5.3+ 5.44.4	Reinforced cement concrete work in suspended floors & roofs upto five level excluding cost of centring, shuttering and finishing and reinforcement with 1:1½:3(1cement: 1½ coarse sand :3 graded stone aggregate 20 mm nominal size)	63.27	CU.M	3963.77	Rs. Three thousand nine hundred sixty three & paise seventy seven only.
11		5.3+ 5.44.4	Reinforced cement concrete work in STAIRCASE upto five level excluding cost of centring, shuttering and finishing and reinforcement with 1:1½:3(1cement: 1½ coarse sand :3 graded stone aggregate 20 mm nominal size)	8.06	CU.M	3963.77	Rs. Three thousand nine hundred sixty three & paise seventy seven only.
12		5.14	Centering and shuttering including strutting, propping etc. and removal of form for -				
	12.1	5.14.1	Foundations, footings,bases of columns etc. for mass concrete.	0.00	SQ.M.	127.66	Rs.One hundred twenty seven & paise sixty six only.
	12.2	5.14.6	Columns	393.96	SQ.M.	260.60	Rs.Two hundred sixty & paise sixty only
	12.3	5.14.3	ROOF SLAB	506.44	SQ.M.	205.00	Rs. Two hundred five only.
	12.4	5.14.5	Lintels, beams, plinth beams,-	438.63	SQ.M.	173.20	Rs. One hundred seventy three and paise twenty only.
	12.5	5.14.7	Stairs (exclusing landings).	47.75	SQ.M.	274.70	Rs. Two hundred seventy four and paise seventy only.
		5.29	Reinforcement for RCC work including straightening, cutting bending,placing in position and binding all complete.	1584.30	kg	66.80	Rs. Sixty six and paise eighty only.
	13.1	5.29.1	Mild steel 6.00 mm dia				



13	13.2	5.29.7A	Thermo- Mechanically Treated bars TMTC-500- 8mm dia.	8462.34	Kg	72.40	Rs. Seventy two and paise forty only.
	13.3	5.29.7B	Thermo- Mechanically Treated bars TMTC-500- 10mm dia.	2702.44	Kg	72.40	Rs. Seventy two and paise forty only.
	13.4	5.29.7C	Thermo- Mechanically Treated bars TMTC-500- 12mm dia.	944.47	Kg	71.30	Rs. Seventy one and paise thirty only.
	13.5	5.29.7D	Thermo- Mechanically Treated bars TMTC-500- 16mm dia.	432.11	Kg	71.80	Rs. Seventy one and paise eighty only.
	13.6	5.29.7E	Thermo- Mechanically Treated bars TMTC-500- 20mm dia.	720.33	Kg	71.30	Rs. Seventy one and paise thirty only.
14			<b>6.0 Brick Work (A)</b>				
	14.1	6.1 A	Brick work with bricks of class of class designation 100 A in foundations and plinth in :				
		6.1.14A	Cement mortar 1: 6 (1 cement : 6 coarse sand )	25.29	CU.M	3035.4	Rs. Three thousand thirty five and paise forty only.
	14.2	6.1.12/1	Cement mortar 1: 4 (1 cement : 4 coarse sand )	7.03	CU.M	3230.00	Rs. Three thousand two hundred thirty only.
15	15.1	6.1 A	Brick work with bricks of class of class designation 100 A in superstructure upto floor V level in :				
		6.1.14 A+6.3A	Cement mortar 1: 6 (1 cement : 6 coarse sand )	173.48	CU. M	3377.10	Rs. Three thousand three hundred seventy seven and paise ten only.
	15.2	6.18.4A +6.19A	Cement mortar 1: 4 (1 cement : 4 coarse sand )	15.28	SQ.M.	416.00	Rs. Four hundred sixteen only.
16			<b>9.0 Wood Work</b>				
		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	1432.00	Kg	83.40	Rs. Eighty three and paise forty only.
17			<b>10.0 Steel Work</b>				
		10.5	Providing and fixing in position collapsable steel shutters with vertical channels 20X10X2 mm and braced with flat iron ds 20X5 mm size with top and bottom rail of T-iron 40X40X6 mm with 40 mm dia steel pulleys completes with bolts-nuts locking arrangement stoppers handles including applying a priming coat of approved steel primer.	9.75	SQ.M	3225.7	Rs. Three thousand two hundred twenty five and paise seventy only.





18		10.7	Providing and fixing 1 mm thick M.S. sheet door & window with frame of 40X40X6 mm angle iron and 3 mm gusset plates at the junction and corners all necessary fittings complete including applying a priming coat of approved steel primer.	49.44	SQ.M.	2090.40	Rs. Two thousand ninety and paise forty only.
19		10.12	Providing and fixing steel glazed doors, windows and ventilators of standard rolled steel sections, joints mitered and welded with 15x3 mm lugs 10 cm long with steel lugs embedded in cement concrete blocks 15x10x10 Cm of 1:3:6 (1 Cement:3 coarse sand : 6 graded stone aggregate 22 mm 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 panes 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.	66.54	SQ.M.	2739.80	Rs. Two thousand seven hundred thirty nine and paise eighty only.
20		10.19	Providing and fixing M.S. Fan clamp type 1 of 16 mm	22.00	EACH	114.00	Rs. One hundred fourteen only.
21		10.32.2	Steel work welded in built up sections as per drawing including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using steel in Stairs / Balcony railing.	540.00	K.G.	68.90	Rs. Sixty eight and paise ninety only.
22		10.33	Providing and fixing hand rail by welding etc. to steel ladder railings & staircases railing including applying a priming coat of approved steel primer				
		10.33.1	MS tube (medium) 40 mm nominal bore	108.00	K.G.	76.10	Rs. Seventy six and paise ten only.

**ADAFAL CONSTRUCTION PVT. LTD.**

*Shwetash 14,*  
**DIRECTOR**

*Chief Consultant (Technical)*  
**Bihar State Educational Infrastructure  
Development Corporation Ltd., Patna**

*16.11.22*



		<b>11.0 Flooring</b>				
23	11.8	52 mm thick cement concrete flooring with metallic concrete hardener topping undr layer 40 mm thick cement concrete 1:2:4(1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal Size) and top layer 12 mm thick metallic cement hardener consisting of mix 1:2 (1 cement hardenr miz :2 stone aggregate 6 Mrr. omlnal size) by volume hardning compund is mixed @ 2 litre per 50 kag of cement or as per manufacture specification. This includes cost of cement slurry, etc, but excluding the cost of nosing of steps etc. complete.	663.85	SQ.M	297.70	Rs. Two hundred ninety seven and paise seventy only.
24	11.14	Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavements etc.	228.28	SQ.M	15.10	Rs. Fifteen and paise ten only.
25	11.72	Providing designation 100 - A, <b>BRICK FLAT SOLING</b> joints filled with local sand including cost of watering,taxes and royalty all complete as per building specification and direction of Engineer Incharge.	278.11	SQ.M	170.20	Rs. One hundred seventy and paise twenty only.
26	11.76	Providing average 150 mm thick dry remmed Khoa beaten to 112 mm (Compacted with water) made of well burnt or Jhama bricks including ramming properly till compacted thickness is achieved. Curing and carriage of water with all leads, making proper slope and blinding the top with cement mortar, (1: 10) all complete as per building specification and direction of E/I	214.55	SQ.M	234.10	Rs. Two hundred thirty four and paise ten only.



27		<b>12.0 Roofing</b>				
	12.78	Providing & fixing on wall face unplasticised - Rigid P.V.C. rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion. Single socket ed pipes. 110 mm dia				
	12.78.2	<b>110 MM RAIN WATER PIPE</b>	82.31	Metre	186.40	Rs. One hundred eighty six and paise forty only
28	12.79.5.2	<b>BEND</b>				Rs. One hundred forty four only.
		110 MM	10.00	EACH	144.00	
29	12.79.6.2	<b>SHOE - 110MM</b>	10.00	EACH	275.39	Rs. Two hundred seventy five and paise thirty nine only
30		<b>13.0 Finishing</b>				
	30.1	13.11.2 Cement Plaster in coarse sand with 12 mm cement plaster 1:4 (1 Cement : 6 Coarse Sand)	229.60	SQ.M.	83.30	Rs. Eighty three and paise thirty only.
	30.2	13.11.4 Cement Plaster in coarse sand with 12 mm cement plaster 1:6 (1 Cement : 4 Coarse Sand)	1290.96	SQ.M.	72.10	Rs. Seventy two and paise ten only.
		<b>20 mm thick plaster of mix :</b>				
31	13.13.13.13.2	1 : 4 ( 1 Cement ; 4 Coarse Sand )	41.62	SQ.M.	118.20	Rs. One hundred eighteen and paise twenty only.
32	13.13.4	<b>20 mm thick plaster of mix :</b>				Rs. One hundred and paise eighty only.
		1 : 6 ( 1 Cement : 6 Coarse Sand )	663.16	SQ.M.	100.80	
33	13.17	12 mm cement Plaster 1:3 (1 Cement : 3 Coarse Sand) finished with a floating coat of neat Cement	48.53	SQ.M.	117.60	Rs. One hundred seventeen and paise sixty only.
34	13.24.2	<b>6 mm Cement Plaster to Ceiling of mix -</b>				
		cement plaster 1:4 (1 Cement : 4 Coarse Sand)	448.06	SQ.M.	61.80	Rs. Sixty one and paise eighty only.
35	13.26	Neat Cement Punning	315.08	SQ.M.	24.3	Rs. Twenty four and paise thirty only.
36	13.70.	White washing with lime to give an even shade				
	13.70.1	New work (three or more coats)	1562.77	SQ.M.	8.30	Rs. Eight and paise thirty only.

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Bihar State Educational Infrastructure  
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37		13.78	Applying one coat of cement primer of approved brand and manufacturer on wall surface.				
		13.78.1	cement primer on outer wall surface	730.25	SQ.M	20.30	Rs. Twenty and paise thirty only.
38		13.79	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade				
		13.79.1	New work (three or more coats )	730.25	SQ.M	47.70	Rs. Forty seven and paise seventy only.
39		13.93	Painting with Synthetic enamel paints of approved brand and manufacture of required color to give an even shade.				
		13.93.1	Two or more coats on new work				
			Painting over Steel surface	283.92	SQ.M	38.60	Rs. Thirty eight and paise sixty only.
40			<b>23.0 Pile Work</b>				
	40.1	23.2.5	Making 25 cm (10") dia bore up to 4 Mtr Depth below ground with hand auger of approved quality in ordinary soil (Vide classification of soil item A) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth up to 50 mtr. lead in eluding all lifts. all complete as per approved design and directions of E/I	346.50	Metre	72.70	Rs. Seventy two and paise seventy only.
	40.2	23.2.6	63 cm (25) UNDER REAM making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (Vide classification of soil item-A) true to plumb and without eccentricity in may stage of operation and disposal of the excavated earth up to 50 mts. lead in eluding all lifts. All complete as per approved design and direction of (E/I)	172.00	Each	77.50	Rs. Seventy seven and paise fifty only.

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41			<b>Sanitary Works</b>				
		D.S.R 17.1.1	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.	8.00	Each	2993.74	Rs. Two thousand nine hundred ninety three and paise seventy four only.
42		DSR 18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				
			15 mm nominal bore.	8.00	Each	401.47	Rs. Four hundred one and paise forty seven only.
43		DSR 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.	4.00	EACH	1866.83	Rs. One thousand eight hundred sixty six and paise eighty three only.
44	44.1	DSR 17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
		17.28.2	Flexible pipe				
		17.28.2. 1	32 mm dia	4.00	EACH	65.95	Rs. Sixty five and paise ninety five only.
	44.2	17.28.2. 2	40 mm dia	1.00	EACH	68.27	Rs. Sixty eight and paise twenty seven only.



45		DSR 17.11	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P brass waste and including painting of fittings and brackets, cutting and making good the wall wherever required :				
		17.11.2	Size 600x450x200mm	1.00	EACH	2786.23	Rs. Two thousand seven hundred eighty six and paise twenty three only.
46		DSR 18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
		18.52.1	15 mm nominal bore.	5.00	EACH	430.82	Rs. Four hundred thirty and paise eighty two only.
47		2.38A.2	Providing & fixing stainless steel jali (grating) with or without hole for waste pipe for floor / nahani trap.				
			100 mm dia. Weight not less than 100 gms.	2.00	EACH	23.37	Rs. Twenty three and paise thirty seven only.
48		12.78 BSR	Providing and fixing on wall face unplasticised 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.	76.21	MTS	186.40	Rs. One hundred eighty six and paise forty only.
		12.78.2	110 mm diameter				
49		12.79	Providing and fixing PVC pipe fittings with all accessories				
	49.1	12.79.5. 2	1) 110mm Plain bend PVC	16.00	Each	144.00	Rs. One hundred forty four only.
	49.2	12.79.3. 2	3) 110mm door tee PVC	12.00	EACH	276.50	Rs. Two hundred seventy six and paise fifty only.

KADAFAL CONSTRUCTION PVT. LTD.

*Schedule 14.*  
DIRECTOR

*Chief Chemist (Technical)*  
Bihar State Educational Infrastructure  
Development Corporation Ltd., Patna  
16.11.23



50	19.30.1. 1/DSR	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				
		inside dimensions 455x610mm and 45 mm deep for single pipe with F.P.S. bricks	6.00	EACH	3956.82	Rs. Three thousand nine hundred fifty six and paise eighty two only.
51	18.8/ DSR	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.				Rs. Two hundred twenty and paise eighty three only.
	51.1	a) 18.8.1 15mm dia	35.00	MTS	220.83	
	51.2	Exposed on wall				Rs. Three hundred twelve and paise sixty nine only.
		c) 18.9.5 40mm dia	75.00	MTS	312.69	

DAVAL CONSTRUCTION PVT. LTD.

*Shweta K.*  
DIRECTOR

*Chiranjeev Singh*  
Bihar State Educational Infrastructure  
Development Corporation Ltd., Patna  
16.11.13



52	52.3	MR	Labour cost for preparation of BIHAR MAP on wall including painting all complete.	1.00	Each	15150.00	Rs. Fifteen thousand one hundred fifty only.
53	18.48/ DSR		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	1000.00	LTS	6.16	Rs. Six and paise sixteen only
			Providing and fixing of Borewell, Handpump with Submersible pump all complete.				
			Construction of 125 mm x 40mm dia x 75.00 mtr. Deep I.M III hand Tube Well	1.00	Each	8635.50	Rs. Eight thousand six hundred thirty five and paise fifty only.
			Part 'A' Cost of Materials				
	54.1		India mark III hand pump with 8 nos. Connection Rod and one cylinder (With provision of force and uplift)				
	54.2		65 mm dia G.I. pipe medium quality (3mtrs length each).	8.00	Each	1072.62	Rs. One thousand seventy two and paise sixty two only
	54.3		125 mm dia UPVC casing pipe conforming to ISS	27.00	mtr	318.15	Rs. Three hundred eighteen and paise fifteen only.
	54.4		40 mm dia length quantity G.I pipe conforming to ISS	44.00	mtr	187.86	Rs. One hundred eighty seven and paise eighty six only.
	54.5		40 mm dia x 2 long PVC RIBEED strainer of approved quality	2.00	Nos.	183.82	Rs. One hundred eighty three and paise eighty two only.
	54.6		125 mm x 40 mm UPVC reducing socket (Heavy quality)	1	Each	166.65	Rs. One hundred sixty six and paise sixty five only.





		Part - 'B' Labour Cost (Classification of soil item 'A')				
		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.	27	Metre	210.86	Rs. Two hundred ten and paise eighty six only.
		(i) 0 to 30.5 m				
54.7		(a) For 125 mm dia U.P.V.C pipe				
54.8		(b) for 40 mm dia G.I pipe	3.5	Metre	105.46	Rs. One hundred five and paise forty six only.
		(ii) 30.5 m to 61.0 m	30.5	Metre	121.28	Rs. One hundred twenty one and paise twenty eight only.
54.9		(a) For 40 mm dia G.I Pipe				
		(iii) 61.00 m to 75.00 m	14	Metre	131.84	Rs. One hundred thirty one and paise eighty four only.
54.10		a) For 40mm dia G.I pipe				
54	54.11	Providing all labour & tools and fitting & fixing India mark III hand pump over newly sunk for T/Well etc. all Complete	1	Each	67.38	Rs. Sixty seven and paise thirty eight only.
	54.12	Supplying all labour and material and fitting and fixing G.I Cap over the new sink T/well	1	Each	65.65	Rs. Sixty five and paise sixty five only.
	54.13	Providing all labour & tools and fitting & fixing Cylinder with requisite suspension pipe and connection rod of India mark III hand pump etc. all complete.	1	Each	129.93	Rs. One hundred twenty nine and paise ninety three only.
	54.14	Providing all labour & tools and lowering 65 mm dia G.I pipe as per specificatin etc. all Complete	24	P/M	21.55	Rs. Twenty one & paise fifty five only
	54.15	Supplying labour and developing the T/Well to have sand free discharge all complete as per direction of E/I	1	Each	283.31	Rs. Two hundred eighty three and paise thirty one only.

ADAPAL CONSTRUCTION PVT. LTD.  
*Shweta K.*  
 DIRECTOR

Chief Consultant/Technical  
 Bihar State Educational Infrastructure  
 Development Corporation Ltd., Patna  
 16.11.15



54.16	Providing all materials and labour and construction 1.85 dia circular P.C.C (1:2:4) UNICEF design platform with foot rest etc. all complete	1	Each	3679.43	Rs. Three thousand six hundred seventy nine and paise forty three only.
54.17	Providing all material and labour & constructing 1 P.C.C (1:2:4) UNICEF design drain for disposal of waste water etc. all complete.	3	P/M	311.08	Rs. Three hundred eleven and paise eight only.
54.18	Transportation of T/W materials, tools & plant from Store to work site and back to store if materials are surplus.	1	Each	361.28	Rs. Three hundred sixty one and paise twenty eight only.
	<b>Part 'C' Cost for Additional Motorised system for filling overhead water-tank</b>				
54.19	Providing and fixing of G.I pipes complete with G.I fittings and clamps, including, cutting and making good the walls etc. (internal work) 25mm dia	12	P/M	184.36	Rs. One hundred eighty four and paise thirty six only.
54.20	Providing and fixing brass valve 25 mm nominal bore Fullway valve ,	2	Each	213.06	Rs. Two hundred thirteen and paise six only.
54.21	25 mm nominal bore Non-Return valve	1	Each	236.90	Rs. Two hundred thirty six and paise ninety only.
54.22	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	Each	26462.00	Rs. Twenty six thousand four hundred sixty two only.



			<b>Internal Electrification Work</b>				
55		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 PVC conduit, with piano type switch, phenolic laminated sheet, suitable size PVC/ G.I box etc. as required.	153	Each	473.69	Rs. Four hundred seventy three and paise sixty nine only.
		1.1.3	<b>Group C</b>				
56		1.2	Wiring for twin control light point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, with 2way piano type switch, phenolic laminated sheet, suitable size PVC/GI box etc. as required.	2	Each	475.71	Rs. Four hundred seventy five and paise seventy one only
57		1.5	Wiring for light/ power plug with 2x4 sq. mm. FR PVC insulated, copper conductor, single core, cable in and surface, recessed PVC conduit along with 1 no. 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	440	Metre	171.70	Rs. One hundred seventy one and paise seventy only.
58		1.7	Wiring for circuit/ sub main wiring along with earth wire with the following size of PVC insulated, copper conductor, single core cable in surface/ recessed PVC conduit as required.	335	Rmt	126.25	Rs. One hundred twenty six and paise twenty five only.
		(b) 1.7.2	2x2.5 sq. mm + 1x2.5 sq. mm earth wire.				
59		(c) 1.7.11	4x6 sq. mm + 1x6 sq. mm earth wire.	25	Rmt	390.87	Rs. Three hundred ninety and paise eighty seven only.
60		1.33	Supplying and fixing 2 pin 5 amp. Ceiling rose on the existing junction box/ PVC box including connection etc as required.	40	Each	23.23	Rs. Twenty three and paise twenty three only
61		1.34	Supplying and fixing batten/ angle holder including connection as required.	92	Each	28.28	Rs. Twenty eight and paise twenty eight only

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62		1.23	Supplying and fixing following plano typed switch/ socket on existing switch box/ cover including connection etc. as required.	153	Each	49.49	Rs. Forty nine and paise forty nine only
		1.23.7	Telephone socket on shutter outlet				
63		1.22	Supplying and fixing metal box of following size (normal size) on surface or in recess with suitable size or phenolic laminated sheet cover in front of including painting etc. as required.	6	Each	59.59	Rs. Fifty nine and paise fifty nine only
		1.22.1	75mm X 75mm X 50mm deep (4" x 4").				
64		1.30.	Supplying and fixing suitable G.I/PVC box on surface or in recess with phenolic laminated sheet cover in front including provided and fixing 6 pin, 15/16 amps socket outlet and 15/16 amps piano type switch connection, painting etc, as required.	46	Each	217.15	Rs. Two hundred seventeen and paise fifteen only
65			<b>DISTRIBUTION BOARD</b>				
		2.9	Supplying and fixing of following way of three pole and neutral sheet steel, MCB distribution board 415 Volts, on surface/ recess, tinned, copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and power painted including earthing etc. as required (but without MCB/ RCCB/ isolator)	2	Each	2554.29	Rs. Two thousand five hundred fifty four and paise twenty nine only.
		(b) 2.9.5	6 way (4+18) double door				
66		2.12	Supplying and fixing 5 amps. to 32 amps, rating, 240 volts, 'C' series, MCB of following poles in the existing MCB DB with connections, testing and commissioning etc. as required.	35	Each	157.56	Rs. One hundred fifty seven and paise fifty six only.
		(a) 2.12.1	6/32 single pole				





67	(b) 2.12.5	6/32 TPN	1	Each	936.27	Rs. Nine hundred thirty six and paise twenty seven only.
68	6.14	LT Panel & Cable Supplying and laying following size and core PVC/ XLPE insulated PVC sheathed heavy duty armoured electrical cable with alluminium conductor for working voltage upto & including 1100 Volts. (Conforms to IS: 1554 part-1)	100	Metre	237.35	Rs. Two hundred thirty seven and paise thirty five only.
	6.14.4	16 sq.mm X 4 core alluminium armoured cable				
69		Trench cutting in soil of suitable size 1.5 feet wide and 2 feet depth including refilling the trench with same etc. as required. ( For laying the cable)	100	Rmt	22.22	Rs. Twenty two and paise twenty two only
70	2.2	Providing and fixing following capacity double pole/ TP & N sheet metal switch disconnector fuse unit in existing metal board, with ISI marked HRC fuses, including drilling holes in metal board, making connections, etc. as required.	1	Each	6034.75	Rs. Six thousand thirty four and paise seventy five only.
	2.2.2	100 amps. TP & N , HRC				
71		<b>EARTHING</b>	3	Each	123.22	Rs. One hundred twenty three and paise twenty two only.
	3.15	Providing and laying earth conection from earth electrod with 6 SWG dia GI wire in 15 mm dia GI pipe from earth electrod , as required.				
72	3.6	E arthing with copper earth plate 600mmx600mmx3mm thick including accessioies,and providing masonary enclosure with cover plate having locking arrangement and watering pipe etc as required	1	Set	5633.78	Rs. Five thousand six hundred thirty three and paise seventy eight only.
		<b>MISCELLANEOUS WORK</b>				
		<b>CARRAIGE OF MATERIALS</b>				
73.1		A) LOCAL SAND ,Avg. LEAD - 3 KM.	177.47	CU.M	164.4	Rs. One hundred sixty four and paise forty only.
73.2		B) COARSE SAND , LEAD : 153.50 KM.	214.48	CU.M	1585.74	Rs. One thousand five hundred eighty five and paise seventy four only.





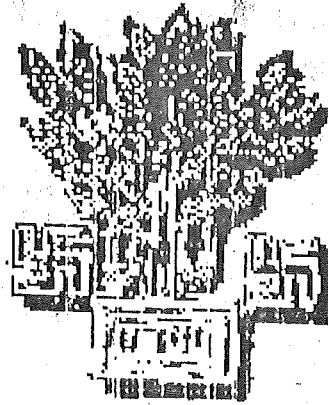
73	73.3	C) STONE CHIPS , LEAD : 254.00 KM.	194.85	CU.M	2543.95	Rs. Two thousand five hundred forty three and paise ninety five only.
	73.4	D) BRICKS ,Avg. LEAD- = 8 KM.	93.33	THOUS AND	481.27	Rs. Four hundred eighty one and paise twenty seven only.
	73.5	E) Cement ,Avg. Lead =5 KM.	2409.00	Bags	9.52	Rs. Nine and paise fifty two only.
	73.6	F) Steel ,Avg. Lead =5 KM.	14.85	M.T.	190.40	Rs. One hundred ninety and paise forty only.
74		Add extra cost of material for Tirhut (Muzaffarpur) Commissionary w.r.t Gaya as per SOR, BCD		THOUS AND		Rs. One thousand four hundred eighty and paise twenty only.
	74.1	Bricks	93.33	AND	1480.20	Rs. Thirty nine and paise six only.
	74.2	Cement	2409.00	Bags	39.06	
		Steel				
		Mild steel 6.00 mm dia	1584.30	Kg	-0.66	Rs. Zero and paise sixty six only.
		Thermo- Mechanically Treated bars TMTC-500- 8mm dia.	8462.34	Kg	-3.54	Rs. Three and paise fifty four only.
		Thermo- Mechanically Treated bars TMTC-500- 10mm dia.	2702.44	Kg	-5.35	Rs. Five and paise thirty five only.
		Thermo- Mechanically Treated bars TMTC-500- 12mm dia.	944.47	Kg	-4.86	Rs. Four and paise eighty six only.
		Thermo- Mechanically Treated bars TMTC-500- 16mm dia.	432.11	Kg	-5.35	Rs. Five and paise thirty five only.
		Thermo- Mechanically Treated bars TMTC-500- 20mm dia.	720.33	Kg	-4.86	Rs. Four and paise eighty six only.
TOTAL Cost = Rs.						5,533,019.07

Group No. : USS-46

Group No. : CSS-10				
S.N.	District	Block	Name of School	Amount 'RS'
1	Shivhar & Sitamari	Tariyani	Middle School Ganga	5,533,019.07
2		Runni Saidpur	Middle School Balua	5,533,019.07
3		Runni Saidpur	Middle School Thumma	5,533,019.07
4		Belsand	Middle School Pachnaur	5,533,019.07
Total Cost in 'Rs'				22,132,076.29
Say 'Rs'				22,132,076

Tender approved in favour of Sadafal Construction Pvt. Ltd. @ 2.0% (Two Point Zero Percent) above BOQ negotiated rates i.e. total amount comes to Rs. 2,27,87,570=00 (Rupees Two Crore Twenty Seven Lacs Eighty Seven Thousand Five Hundred Seventy Only)





GOVERNMENT OF BIHAR

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

BIHAR STATE EDUCATIONAL INFRASTRUCTURE  
DEVELOPMENT CORPORATION LTD.

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