

**DISTRICT RURAL DEVELOPMENT AGENCY
JHARSUGUDA**



PR & DW DEPARTMENT, ODISHA

BID DOCUMENT

Name of the Work : Improvement of Job-Oriented High
School, Sahaspur.

Name of the Block : Laikera

Name of the District: Jharsuguda

Estimated Cost : Rs 48,57,800.00

Tender Value : Rs 41,51,361.00

Tender Schedule

Tender Inviting Authority: PROJECT DIRECTOR, DRDA JHARSUGUDA

Name of Work: Improvement of Job-Oriented High School ,Sahaspur.

Tender Call Notice No. Of 2020-21

Name of the Bidder , Mob. No. &Address :-

SCHEDULE OF WORKS						
Sl. No.	Item Description	No. Or Quantity	Units	Estimated Rate		
				Rate		Total Amount Rs. P
1	Earth work in excavation in foundation in all kinds of soil with all leads and lifts including dressing and levelling the bed in layers not exceeding 0.3 m in depth including dewatering if necessary with cost of all labour and T & P work etc. Complete as per direction of Engineer-in-charge	128.48	cum	184.59	Rupees One Hundred Eighty Four And Paise Fifty Nine Only	23716.12
2	Supplying filling in F & P with clean course good river sand including watering, ramming, poking & compacting & cost, conveyance royalties, taxes of all materials, labour, T & P etc. Complete as per direction of Engineer-in-Charge	217.55	cum	328.27	Rupees Three Hundred Twenty Eight And Paise Twenty Seven Only	71415.14
3	Providing and laying PCC of (1:3:6) with 2.5cm to 4cm size crusher broken hard black granite metal with cost, conveyance, royalties, taxes of all materials, all labour, T & P etc. Complete as per direction of Engineer-in-charge	48.49	cum	4,170.08	Rupees Four Thousand One Hundred Seventy And Paise Eight Only	202207.18
4	Providing and laying RCC work in M-20 grade with 20mm and down grade black hard granite crusher broken stone chips of approved quality from quarry with smooth centering and shuttering hoisting and laying in layers including cost. Conveyance, royalty and taxes of adl materials, labour, T & P etc. complete as per direction of the Engineer-in-charge					
(a)	Column Base footing& Plinth Beam	35.503	Cum	4,726.71	Rupees Four Thousand Seven Hundred Twenty Six And Paise Seventy One Only	167812.39
(b)	Column& Beam	11.05	Cum	11,269.93	Rupees Eleven Thousand Two Hundred Sixty Nine And Paise Ninety Three Only	124498.92
©	Lentel Bend	8.67	Cum	8,986.85	Rupees Eight Thousand Nine Hundred Eighty Six And Paise Eighty Five Only	77871.06
(d)	Chhaja	4.84	Cum	5388.2	Rupees Five Thousand Three Hundred Eighty Eight And Paise Twenty Only	26062.72



5	Providing and laying RCC work in M-25 grade with 20mm and down grade black hard granite crusher broken stone chips of approved quality from quarry with smooth centering and shuttering hoisting and laying inlayers including cost, conveyance, royalty and taxes of all materials, labour, T & p etc. complete as per direction of Engineer-in-Charge (G. Floor)					0.00
(b)	Wall Beam	6.10	Cum	5680.53	Rupees Nine Thousand Two Hundred Ninety Eight And Paise Fourteen Only	34634.19
©	Roof Slab	40.409	cum	10868.79	Rupees Nine Thousand Eight Hundred Twenty Six And Paise Forty Four Only	439196.94
6	Providing MS Reinforcement for RCC work including cutting, bending, binding & tying the grills & placing in position with cost of MS Rod and binding wire of 18 to 20 gauge including cost of all materials, labour, T & P etc. Complete as per direction of the Engineer-in-Charge (G. Floor)	105.37	Qnt.	6640.69	Rupees Six Thousand Six Hundred Forty And Paise Sixty Nine Only	699729.51
7	Brick work with Fly Ash bricks of size 23cmX11cmX8cm and crushing strength not less than 75kg/cm ² in C.M.(1:6) in foundation and plinth including all charges	49.66	Cum	4157.24	Rupees Four Thousand One Hundred Fifty Seven And Paise Twenty Four Only	206448.54
8	Brick work with Fly Ash bricks of size 23cmX11cmX8cm and crushing strength not less than 75kg/cm ² in C.M.(1:6) in super structure including all charges (G. Floor)	83.64	Cum	4190.57	Rupees Four Thousand One Hundred Ninety And Paise Fifty Seven Only	350499.27
9	12mm (1/2") thick cement plaster (1:6) over brick work (G.Floor)	567.33	Sqm	136.6	Rupees One Hundred Thirty Six And Paise Sixty Only	77497.28
10	Providing 16 mm thick cement plaster in CM (1:6) finished smooth to inside surface including cost conveyance, royalty, taxes of all materials, labour, T & P etc. complete as per direction of Engineer-in-Charge (G.Floor)	455.55	Sqm	194.58	Rupees One Hundred Ninety Four And Paise Fifty Eight Only	88640.53
11	6mm thick ceiling plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment (G.Floor)	371.34	Sqm	150.75	Rupees One Hundred Fifty And Paise Seventy Five Only	55980.11
12	Supplying fitting and fixing vetrified tile in floors of size 600mmX 600mm of approved make confirming to IS 13755 laid on 20mm thick cement mortar (1:4) (1 cement:4course sand) and filling joints with white cement of approved quality including cost of all materials, labour T & P etc required for the work all complete as per direction of the Engineer-in-Charge (For new work only)	263.03	Sqm	1210.29	Rupees One Thousand Two Hundred Eighty Three And Paise Thirty Four Only	318340.16

13	Supplying fitting fixing MS Door and Windows including transport taxes of all materials in G. Floor	3063.60	KG	118.07	Rupees One Hundred Eighteen And Paise Seven Only	361719.25
14	Labour charges for Fixing Doors & Windows	97.872	Sqm	528.34	Rupees Five Hundred Twenty Eight And Paise Thirty Four Only	51709.69
15	Supplying, fitting, fixing up window (sliding type) made up aluminium section 151-154, 151-155, as window frame Section No. 151-155, 151-153 and 151-167 as shutter frame with 5mm thick black glass as pannel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes of labour, T&P etc. complete as per direction of E.I.C	21.60	Sqm	5764.93	Rupees Five Thousand Seven Hundred Sixty Four And Paise Ninety Three Only	124522.49
16	Supplying fitting and fixing SS hand rail for ramps including all cost labour T & P etc.	12.20	Rmt	3495.11	Rupees Three Thousand Four Hundred Ninety Five And Paise Eleven Only	42626.36
17	Distempering two coat with any approved shade including all charges (G.Floor)	919.26	Sqm	121.10	Rupees One Hundred Twenty One And Paise Ten Only	111322.14
18	Fixing chequered tiles in floors, treads and landings on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing including cost of tile.	9.98	Sqm	778.50	Rupees Seven Hundred Seventy Eight And Paise Fifty Only	7769.43
19	Fixing tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed.....polishing complete excluding cost of precast tiles.	27.98	Sqm	1210.29	Rupees One Thousand Two Hundred Eighty Three And Paise Thirty Four Only	33857.86
20	Painting two coats with Weather coats of approved shade including cost of paint (G.Floor)	479.747	Sqm	128.85	Rupees One Hundred Twenty Eight And Paise Eighty Five Only	61815.40
21	Painting two coat with SE paint over a coat of primer with approved shade of approved quality including cost of all materials & labour with T & P etc. complete (G Floor)	147.46	Sqm	187.12	Rupees One Hundred Eighty Seven And Paise Twelve Only	27593.09
				Total		3787485.76

SayRs

3787486.00



NAME OF THE WORK :- EI toImprovement of Job-Oriented High School ,Sahaspur.

SI No	Description of items.	Qty.	Unit.	Rate		Amount.
22	Recessed wiring to light/Fan/Exhaust fan/ Call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metalic PVC flexible conduit with 5 Amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS box having front bakelite cover of suitable size , MS box with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)					
	(a) Group-A	18	Each	417.00	Rupees Four Hundred Seventeen Only	7506.00
	(b) Group-B	16	Each	642.00	Rupees Six Hundred Forty Two Only	10272.00
	(c) Group-C	6	Each	924.00	Rupees Nine Hundred Twenty Four Only	5544.00
23	Recessed wiring to 5/6amp Plug pt. point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metalic PVC flexible conduit with 5 Amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS box having front bakelite cover of suitable size , MS box with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / V Guard)	10	Each	423.00	#NAME?	4230.00
24	S/F of 5/6A Switch & 3Pin 5/6A Socket On Existing Board.	18	Each	88.00	Rupees Eighty Eight Only	1584.00
25	Circuit Sub main wiring in PVC Conduit.					
a	2 x 1.5 sq.mm + 1 x 1.5 sq.mm(for extra long point)	45	Mtr	126.00	Rupees One Hundred Twenty Six Only	5670.00
b	2 x 2.5 sq.mm + 1 x 1.5 sq.mm	360	Mtr	140.00	Rupees One Hundred Forty Only	50400.00
c	2 x 4 sq.mm + 1 x 1.5 sq.mm	80	Mtr	157.00	Rupees One Hundred Fifty Seven Only	12560.00
26	S/F of B.K.Angle Holder without Bulb	22	Nos	58.00	Rupees Fifty Eight Only	1276.00
27	S/F 10 watt LED Lamp (Bajaj/Philips)	22	Nos	156.00	Rupees One Hundred Fifty Six Only	3432.00
28	Supply of A.C Ceiling Fan (Usha/Bajaj/CG)	20	Nos	1384.00	Rupees One Thousand Three Hundred Eighty Four Only	27680.00

29	S/F of Electronic step down Fan Regulator	20	No	267.00	Rupees Two Hundred Sixty Seven Only	5340.00
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30	S/F of 20W Tube light.(Make-Havells/Philips/Bajaj/CG).	23	Nos	695.00	Rupees Six Hundred Ninety Five Only	15985.00
31	S/F of Earthing with copper plate 600 mm x 600mm x 3.15 mm thick ISI marked including accessories and providing masonry with cover plate having locking arrangement and watering pipe etc with charcoal & salt.	1	No	5596.00	Rupees Five Thousand Five Hundred Ninety Six Only	5596.00
32	Supply of Exhaust Fan 10/12" size Heavy duty (Usha /Havels)	2	No	1939.00	Rupees Five Thousand Five Hundred Ninety Six Only	3878.00
33	S/F of 63 Amp ICDP Main Switch.(HPL/L&T/Havells)	1	No	1627.91	Rupees One Thousand Six Hundred Twenty Seven And Paise Ninety One Only	1627.91
34	S/F of 4 way Double door MCB DB.	6	Nos	1189.00	Rupees One Thousand One Hundred Eighty Nine Only	7134.00
35	S/F of 45 W LED street light.(Make-Havells/CG)	3	Nos	6482	Rupees Six Thousand Four Hundred Eighty Two Only	19446.00
				TOTAL Rs		189160.91
				Say Rs		189161.00

PH WORKS to Improvement of Job-Oriented High School ,Sahaspur.

Sln o	Description	Qty	Unit	Rate	Amount
36	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor GI/PVC pipes, class-IV (10 k.g. F/cm) on firming I.S.4985 of the following nominal bore, tube fittings and clamps including making good the wall, ceiling and floor, testing all complete as per specification and direction of the Engineer in charge.				
a	25 mm dia PVC ASTM pipe (sch80)-outlet	30	Mtr	145.7	Rupees One Hundred Forty Five And Paise Seventy Only 4371.00
b	32 mm dia PVC ASTM pipe (sch80)-in let	20	Mtr	189.34	Rupees One Hundred Eighty Nine And Paise Thirty Four Only 3786.80
c	20 mm dia PVC ASTM pipe (sch80)	30	Mtr	115.37	Rupees One Hundred Fifteen And Paise Thirty Seven Only 3461.10
37	Supplying all materials, labour T&P and fitting and fixing brass/CP fittings of the following nominal bore with supply of all jointing materials including cost & conveyance of all materials to worksite, payment of taxes etc. all complete as per P.H specification and direction of the Engineer-in-charge.				
a	15mm dia CP angle stop cock (Jaquar/Hindware)orequivalent make.	4	Each	695.50	Rupees Six Hundred Ninety Five And Paise Fifty Only 2782.00
c	15mm dia CP long body bib cock (Jaquar/HindwareMake)orequivalent make.	4	Each	733.00	Rupees Seven Hundred Thirty Three Only 2932.00
d	15mm dia CP Piller cock (Jaquar/HindwareMake)orequivalent make.	2	Each	733.00	Rupees Seven Hundred Thirty Three Only 1466.00
e	25mm diabrass full way valve (Shakti make)	1	Each	1040.00	Rupees One Thousand Forty Only 1040.00
f	32mm diabrass full way valve (Shakti make)	1	Each	1543.00	Rupees One Thousand Five Hundred Three Only 1543.00
h	15mm CP Extension piece	8	Each	67.50	Rupees Sixty Seven And Paise Fifty Only 540.00
i	125mm CP grating	4	Each	36.70	Rupees Thirty Six And Paise Seventy Only 146.80



38	supplying all materials, labour, T&P and cutting holes through existing brick work including making good the damages in cement mortar (1:4) for taking G.I. Pipes and fittings/ P.V.C. pipes and fittings including watering, curing, cost & conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per direction of Engineer-in-charge.	6	Each	42.60	Rupees Forty Two And Paise Sixty Only	255.60
39	Supplying all materials , labour, T&P and cutting holes in RCC floors and roofs upto 19cm thick for passing P.V.C pipes and G.I fittings etc. , and repairing the holes after insertion of pipe etc. with cement concrete (1:2:4) including finishing complete so as to make it leak-proof as per P.H. specification and direction of Engineer-in-charge	2	Each	147.10	Rupees One Hundred Forty Seven And Paise Ten Only	294.20
40	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages including watering , curing , cost & conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per direction of the Engineer-in-charge.	10	Mtr	157.70	Rupees One Hundred Fifty Seven And Paise Seventy Only	1577.00
41	Supplying all materials, labour, T&P and fitting and fixing U-PVC SWR soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing, earthwork in excavation in all kinds of soil and refilling of trenches , cost & conveyance of all materials to worksite, payment of taxes etc. all complete as per P.H specification and direction of the Engineer-in-charge.					



a	110mm U-PVC SWR Pipe (Ori Plast/Finolex/Supreme Make Type-B)	20	Mtr.	229.3	Rupees Two Hundred Twenty Nine And Paise Thirty Only	4586.00
b	110mm U-PVC 'P' Trap(Ori Plast/Finolex/Supreme Make)	4	Each	266	Rupees Two Hundred Sixty Six Only	1064.00
c	110mm U-PVC 'Floor' Trap(Ori Plast/Finolex/Supreme Make)	2	Each	118.23	Rupees One Hundred Eighteen And Paise Twenty Three Only	236.46
d	110mm U-PVC door bend(Ori Plast/Finolex/Supreme Make)	2	Each	136.05	Rupees One Hundred Thirty Six And Paise Five Only	272.10
e	110mm U-PVC Plain bend(Ori Plast/Finolex/Supreme Make)	2	Each	107.33	Rupees One Hundred Seven And Paise Thirty Three Only	214.66
f	110mm U-PVC offset without ear(Ori Plast/Finolex/Supreme Make)	2	Each	115.2	Rupees One Hundred Fifteen And Paise Twenty Only	230.40
g	110mm U-PVC Cowl(Ori Plast/Finolex/Supreme Make)	2	Each	26.46	Rupees Twenty Six And Paise Forty Six Only	52.92
h	110mm U-PVC S/Jn door(Ori Plast/Finolex/Supreme Make)	2	Each	175.35	Rupees One Hundred Seventy Five And Paise Thirty Five Only	350.70
i	110mm U-PVC Plain tee(Ori Plast/Finolex/Supreme Make)	1	Each	115.2	Rupees One Hundred Fifteen And Paise Twenty Only	115.20
j	110mm U-PVC D/Jn door(Ori Plast/Finolex/Supreme Make)	2	Each	221.5	Rupees Two Hundred Twenty One And Paise Fifty Only	443.00
k	110mm U-PVC Socket(Ori Plast/Finolex/Supreme Make)	15	Each	32.9	Rupees Thirty Two And Paise Ninety Only	493.50
l	Waste pipe for Basin-40mm	2	Each	65.65	Rupees Sixty Five And Paise Sixty Five Only	131.30



m	Inlet pipe for Basin & Cistern-15mm	4	Each	73.32	Rupees Seventy Three And Paise Thirty Two Only	293.28
42	Supplying all materials, labour, T&P and fixing Rotational molded polyethylene cylindrical	1	Each	10641	Rupees Ten Thousand Six	10641.00
43	Supplying all materials, labour, T&P and fixing vitreous china water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:5:10) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest, fixing 100mm dia HCl 'p' or 's' trap (with/without 50mm dia horn) for water closet squatting pan including jointing the trap with pan in cement mortar (1:1) cutting the floor and mending good the damages, cost & conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per P.H specification and direction of the Engineer-in-charge. (580mm size Orissa Pan(Hindware/Parryware/ Neycer make)	2	Each	2616	Rupees Two Thousand Six Hundred Sixteen Only	5232.00
44	Supplying all materials, labour T&P and and fixing 12.50 liters/10 liters capacity low level flushing cistern with a pair of cast iron or M.S. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float CP brass handle, unions and couplings for connection with inlet, outlet and overflow pipes, 32mm dia CP long flush bend, 15mm diapvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting the inlet pipe with supply main, cost & conveyance of all materials to worksite, payment of taxes etc. all complete as per P.H specification and direction of the Engineer-in-charge					
	10 ltr capacity pvc LL cistern with 32mm .Dia CP long flush bend (Slimline-white-prryware make.)	2	Each	1486	Rupees One Thousand Four Hundred Eighty Six Only	2972.00



45	Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with cast iron or M.S.brackets painted white including cutting holes in walls and making good the damages with supply of wooden plugs, screws and cement etc, fixing pedestal for wash basin recessed at the back for the reception of pipes and fittings, fixing PVC waste pipe of 32mm nominal diameter for wash basin including brass check nut complete, fixing pillar taps capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of 15mm dia nominal bore, fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin, fixing 32mm dia CP brass waste, cost & conveyance of all materials to worksite, payment of taxes etc. all complete as per P.H specification and direction of the Engineer-in-charge					
	550mmx400mm W.H.basin (Hindware/Parryware/Neycer make)with 15mm dia C.P.pillar cock (Plaza make) with pedestal	2	Each	1996	Rupees One Thousand Nine Hundred Ninety Six Only	3992.00
46	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm.thick A.C. sheet or ply wood sheet and fixed to wooden plugs with CP screws and washers complete as per specification and direction of Engineer in charge.	0	Each	0	Rupees Six Hundred Seventeen And Paise Sixty Only	0.00
	600mmx450mm size B.E mirror (swivelled type)					
47	Supplying all materials, labour, T&P and fixing CP soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the Engineer in charge CP soap holder (Jaquar/Hindware or equivalent make)	2	Each	175	Rupees One Hundred Seventy Five Only	350.00



48	Supplying all materials ,labour ,T&P and constructing Inspection Chamber of inside size 760mmx760mmx460mm with cement concrete (1:3:6) using 40mm size crusher broken hard black granite metal on bed , KB brick work in cement mortar (1:6) in foundation and plinth, moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size crusher broken hard black granite chips, 12mm thick cement plaster (1:3) with cement punning to inside, cement flush pointing (1:3) to outside, R.C.C cover slab (1:2:4) using 12mm size crusher broken hard black granite chips with R.C.C man hole cover, earth work in excavation in all kinds of soil and refilling the cavity around the chamber including watering,curing,cost of all materials, conveyance of all materials to worksite, payment of royalty,all taxes etc.all complete as per approved drawing, P.H specification and direction of Engineer-in-charge					
49	Inside size 76cmx76cmx46cm with 18" dia RCC MH cover	2	Each	7523.8	#NAME?	15047.60
50	Supplying,fitting and fixing of Summersible Pump Set.	1	Set	36002.5	#NAME?	36002.50
51	Sinking of 125 x 100 mm deep borewell.	1	no	67798	#NAME?	67798.00
		TOTAL			Rs	174714.12
			or Say	Rs		174714.00
				Grand Total		4151361.00

(Rupees Forty One lakhs Fifty One Thopusand three hundred Sixty One only)

Total 51 (Fifty One Items Only)

My/our quoted rate is _____ % (both figure & words) excess over/less



- 1 The Contractor should not write anything excepting quoting of percentage and in any case anything else
- 2 Strike out which are not applicable
- 3 Percentage quoted by the contractor shall be accurately filled in figures and words so there is no
- 4 If any discrepancy is found in the percentage quoted in words and figures then the percentage quoted by
- 5 The percentage quoted in the tender without mentioning excess or less will be treated as excess.
- 6 The contractor will write percentage excess or less up to one decimal point only. If he writes the percentage

APPROVED
For 51 (Fifty One) items only

Contractor

Block Development Officer
Laikera

Total 51 (Fifty One) Items Only

No. Of Correction

No. Of Overwriting

No.of interpolation

Approved for _____ items only.

