

## TENDER SCHEDULE

**Construction of Additional Classroom of Indipur  
Nodal UP School  
Indipur**

**Name of the work :**  
**Name of the G.P :**  
**Name of the scheme :**

**S&ME- Const. of Additional Classroom of Elementary Schools**

**Name of the Bidder:-** .....

**Contact No.**.....

**Amount Put to Tender:- Rs.13,11,943.38/-**

Sl.No.	Description of items	Unit	Quantity	Rate	Rate in Word	Amount
<b>A</b>	<b>CIVIL WORKS</b>					
1	<b>Clearing and grubbing road land</b> including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness including cost of all labours, T & P, sundries etc. as required for the work complete as per the direction of the Engineer-in-charge.	Sqm	74.80	8.26	(Rupees Eight and Twenty Six Paise Only)	617.85
2	<b>Earth work in excavation in foundation trenches, column foundation, pit, etc in all kind of soil</b> including moorum stony earth and earth mixed with boulders except sheet rock and boulders not requiring blasting including dressing of sides and levelling the bed up to the required depth and depositing the excavated materials away from the work site with initial lead of 50 mtr and all lifts, including shoring, shuttering & dewatering (if required) with cost of labour, labour cess, hire & running charges of all machineries, sundries & T&P required for the work complete as directed by the Engineer in charge.					
	Upto 1.5 Mtr Depth	Cum	49.00	298.30	(Rupees Two Hundred Ninety Eight and Thirty Paise Only)	14,616.70
	From 1.5 Mtr upto 3.0 Mtr Depth	Cum	4.40	319.90	(Rupees Three Hundred Nineteen and Ninety Paise Only)	1,407.56
3	<b>Disposal of building rubbish / malba / rock/ similar unserviceable, dismantled or waste materials by mechanical means</b> , including loading, transporting, unloading to approved dumping ground or as approved /directed by Engineer-in-charge, including all lifts involved.etc as per the direction of Engineer-in-charge.	Cum	53.40	278.80	(Rupees Two Hundred Seventy Eight and Eighty Paise Only)	14,887.92
4	<b>Supplying and filling with sand in foundation and plinth</b> in layers not exceeding 20 cm in depth, well watered and compacted , top surface dressed and levelled to proper level and gradient including cost of all materials, conveyance,royalties, loading, unloading, cost of all labour, T&P, etc. all complete as per the direction of Engineer-in-Charge.	Cum	49.50	1444.90	(Rupees One thousand Four hundred Forty Four and Ninety Paise Only)	71,522.55
5	<b>Providing and laying Plain Cement Concrete of proportion (1:4:8)</b> using 40 mm & down grade black hard crusher broken granite stone metal, washed and screened sharp sand of approved quality from approved quarry including hoisting, lowering, laying the concrete, ramming, watering and curing etc. complete to required thickness including cost of all materials, conveyance, loading, unloading, royalties, cost of labours, T&P, hire & running charges of concrete mixer, etc. all complete as per the direction of the Engineer -in - charge.	Cum	4.70	6289.10	(Rupees Six thousand Two Hundred Eighty Nine and Ten Paise Only)	29,558.77

6	Providing and laying <b>Plain Cement Concrete of proportion (1:3:6)</b> using 40 mm size grade black hard crusher broken granite stone metal, washed and screened sharp sand of approved quality from approved quarry including hoisting, lowering, laying the concrete, ramming, watering and curing etc. complete to required thickness including cost of all materials, conveyance, loading, unloading, royalties, cost of labours, T&P, hire & running charges of concrete mixer, etc. all complete as per the direction of the Engineer -in -charge.	Cum	7.40	6718.10	(Rupees Six thousand Seven Hundred Eighteen and Ten Paise Only)	49,713.94
7	Providing and laying <b>Brick masonry work in Foundation &amp; Plinth</b> using Fly-Ash bricks confirming to IS 12894 and IS 2212 in cement mortar (1:6) after immersing the bricks for minimum 6 hours in water before use, with all necessary projections, splays cutting, circular moulding, corbelling, etc. as per the drawings including the cost of all materials, cost of all labour, conveyance, royalties, loading, unloading, scaffolding, staging, watering and curing, sundries, T&P, etc. complete as per the direction of the Engineer-in-charge.	Cum	8.00	5809.30	(Rupees Five Thousand Eight Hundred Nine and Thirty Paise Only)	46,474.40
8	Providing, lifting, hoisting and laying in position machine batched , machine mixed and machine vibrated <b>design mix cement concrete of M-20 including the cost of Centering and Shuttering</b> (minimum cement content not less than 403Kg/ Cum) grade in reinforced cement concrete structural elements using black hard crusher broken granite chips of approved quality from approved quarry including mixing and compacting to proper shape and size, level and plumbs and finishing the exposed surfaces smooth including the cost of all materials, cost of labour, conveyance, loading, unloading, royalties, watering and curing for the required period, T&P , hire & running charges of concrete mixer and vibrator, cost of Admixtures in recommended proportions ( as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability etc. complete as per the direction of the Engineer-in-charge but excluding the cost of steel reinforcement					
i	<b>R.C.C. foundation and footing bases of columns mass concrete pre-cast slab etc.</b>	Cum	6.70	7282.20	(Rupees Seven Thousand Two Hundred Eighty Two and Twenty Paise Only)	48,790.74
ii	<b>R.C.C. Grade beams</b>	Cum	2.90	8148.50	(Rupees Eight Thousand One Hundred Forty Eight and Fifty Paise Only)	23,630.65
iii	<b>R.C.C. Beams, columns, grider and bressmer etc.</b> Ground Floor	Cum	7.30	16425.20	(Rupees Sixteen Thousand Four Hundred Twenty Five and Twenty Paise Only)	119,903.96
iv	<b>R.C.C. Floor and Roof slab, landing, balconies up to 4.3Mtr. Height.</b> Ground Floor	Cum	8.10	14460.70	(Rupees Fourteen Thousand Four Hundred Sixty and Seventy Paise Only)	117,131.67
v	<b>R.C.C. Lintels.</b> Ground Floor	Cum	0.20	14895.80	(Rupees Fourteen Thousand Eight Hundred Ninety Five and Eighty Paise Only)	2,979.16

vi	<b>R.C.C. Chajjas &amp; sunshade</b>					
	Ground Floor	Sqm	3.08	1279.70	(Rupees One Thousand Two Hundred Seventy Nine and Seventy Paise Only)	3,941.48
9	Providing & fixing <b>TMT Fe-500 HYSD Reinforcement bars</b> (SAIL /TATA /RINL) of required diameter and approved quality for Reinforced Cement Concrete work including straightening, cutting, bending, binding, welding(if approved) , joining (if necessary), tying the grills, hoisting, lowering and placing in position as per the approved design & drawings (BBS) with provision of standard fan hooks including the cost of all materials, cost of all labour, conveyance, loading, unloading, cost of binding wires of 18 to 20 gauge, T&P, etc, all complete as per the direction of Engineer-in-Charge. Note: (Linear measurements will be taken & quantity will be calculated on standard weight. Lap length of bars & Weight of binding wire will not be considered for measurement and payment.)					
	Ground Floor	Qtl	34.30	8532.70	(Rupees Eight thousand Five Hundred Thirty Two and Seventy Paise Only)	292,671.61
10	Providing and laying <b>Brick masonry work in Superstructure</b> using Fly-Ash bricks confirming to IS 12894 and IS 2212 in cement mortar (1:6) after immersing the bricks for minimum 6 hours in water before use, with all necessary projections, splays cutting, circular moulding, corbelling, etc. as per the drawings including the cost of all materials, cost of all labour, conveyance, royalties, loading, unloading, scaffolding, staging, watering and curing, sundries, T&P, etc. complete as per the direction of the Engineer-in-charge.					
	Ground Floor	Cum	26.30	5847.70	(Rupees Five Thousand Eight Hundred Forty Seven and Seventy Paise Only)	153,794.51
11	Providing <b>12mm thick cement plaster in cement mortar (1:6)</b> to the surface of brick masonry wall including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats, bars, etc only to proper plumbs and level and making grooves, beads and drip coarse to give required ornamental finish as per drawings including cost of all materials, conveyance, loading and unloading, royalties, cost of labour, scaffolding, staging, watering before plastering and curing, sundries and T&P, etc. complete as per direction of the Engineer-in-charge.					
	Ground Floor	Sqm	106.20	201.80	(Rupees Two Hundred One and Eighty Paise Only)	21,431.16
12	Providing <b>16mm thick cement plaster in cement mortar (1:6)</b> to the surfaces of brick masonry wall including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats, bars, etc only to proper plumbs and level and making grooves, beads and drip coarse to give required ornamental finish as per drawings including cost of all materials, conveyance, loading and unloading, royalties, cost of labour, scaffolding, staging, watering before plastering and curing, sundries and T&P, etc. complete as per direction of the Engineer-in-charge.					
	Ground Floor	Sqm	123.80	286.10	(Rupees Two Hundred Eighty Six and Ten Paise Only)	35,419.18

13	Providing 6mm thick cement plaster in cement mortar of (1:4) to RCC surfaces such as ceilings of roof slabs, stairs, landings, chajja, shelves, columns, beams and lofts etc. including roughening/ chipping, scraping and cleaning and finishing the plastered surface smooth using wooden floats, bars, etc. only to proper plumbs and level, making grooves, beads and drip coarse to give required ornamental finish as per drawing including cost of all materials, conveyance, loading and unloading, royalties, cost of all labour, scaffolding, staging, watering before plastering and curing, sundries and T&P, etc. complete as per direction of the Engineer-in-charge.					
	Ground Floor	Sqm	157.30	217.50	(Rupees Two Hundred Seventeen and Fifty Paise Only)	34,212.75
14	Providing and laying <b>Vitrified Floor Tiles</b> confirming to IS : 15622 of approved make, quality and colour without any warpage,with intermediate spacers of 4 mm width laid over an under layer of 20 mm thick base of cement mortar (1:4) (1 cement: 4 coarse sand) with intermediate spacers of 4 mm including cutting to size, laying and filling the joints with epoxy tile grout of approved shade and colour, cleaning the surfaces with oxlaic acid, mirror polishing including the cost of all materials, cost of all labour, conveyance, royalties, loading, unloading, sundries, watering and curing, T&P, etc. complete as per the direction of the Engineer-in-Charge. <b>Make: Tiles-Kajaria/ Somany/ Equivalent. Grout-Fosroc/ Kerakoll/ Weber/ Equivalent</b> <b>(Note- Sample of tiles shall be approved before procurement and use.</b>					
	<b>Size of Tile</b>					
	<b>600 x 600 mm</b>					
	Ground Floor	Sqm	63.80	1192.40	(Rupees One thousand One Hundred Ninty Two and Forty Paise Only)	76,075.12
15	Providing and laying <b>Vitrified Floor Tiles in Dado/Skirting</b> confirming to IS : 15622 of approved make, quality and colour without any warpage laid over an under layer of 20 mm thick base of cement mortar (1:4) (1 cement: 4 coarse sand) including cutting to size, laying and filling the joints with white cement slurry mixed with colouring pigment to match the shade and colour, cleaning the surfaces with oxlaic acid, machine grinding, mirror polishing including the cost of all materials, cost of all labour, conveyance,royalties, loading, unloading, sundries, watering and curing, T&P, etc. complete as per the direction of the Engineer-in-Charge. <b>(Note- Sample of tiles shall be approved before procurement and use.</b>					
	<b>Size of Tile</b>					
	<b>600 x 600 mm</b>					
	Ground Floor	Sqm	6.80	1340.10	(Rupees One Thousand Three Hundred Forty and Ten Paise Only)	9,112.68
16	Providing & laying <b>granite stone flooring using 20 mm thick granite stone slab of approved quality, colour and size above 0.4 Sqm as per IS 14223 in Counters, Stair Treads, Risers, planter boxes, window sills</b> etc over an under layer of 20 mm thick cement mortar (1:4) (1 cement: 4 coarse sand) confirming to IS-1443 including cutting to size, laying and joining with white cement slurry and colouring pigment to match the shade including cost of all labour, materials, taxes, royalties, loading and unloading, conveyance, sundries, watering and curing, etc. complete as per the direction of the Engineer-in-Charge. <b>(Note- Sample of tiles shall be approved before procurement and use.</b>					

	Ground Floor	Sqm	4.90	2882.00	(Rupees Two thousand Eight Hundred Eighty Two and Zero Paise Only)	14,121.80
17	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer using M.S. angles 40x40x6 mm for diagonal braces.etc including cost of all labours, materials, conveyance, hardware fixing,loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.					
	Ground Floor	Sqm	4.40	4878.30	(Rupees Four Thousand Eight Hundred Seventy Eight and Thirty Paise Only)	21,464.52
18	Supply and fixing of uPVC Sliding glazed Window made out of hollow multi-chambered uPVC sections having isolated drainage system with the design 2 Track 2 Panel System. The 2 track outer frame of the window having over all size of 98 x 52 mm (with mosquito mesh) having internal wall thickness of 2.50 mm. The glass sashes / shutters shall be made out of Upvc sections with over all size of 42 x 70 mm with internal thickness of 2.50 mm. The mosquito mesh shutter having over all size of 25 x 52 mm with internal wall thickness of 2.50 mm. Reinforcement of galvanised mild steel with thick ness of 1.50 mm has to put through out the Frame, glass shutter and mesh shutter. Glass support beading make of upvc sections will be fixed with EPDM gasket to keep glass tight and unmoved. Single point locking system (called touch lock) made out of casted zamac with white powder coated and locking hook will make of SS 304 grade material. Aluminum guide rail will be fixed on the Bottom part of frame on which the glass shutters will run. The roller will make of nylon an having capacity of 40 - 120 kg depends on glass weight. Finseal will be provided to protect the dust in between closing point & interlocking point of glass & mesh shutters. The Interlock of the uPVC window should be approved by the Engineer-in- charge before fixing. Glass thickness and colour can be changed as per requirement.					
	Ground Floor	Sqm	3.20	4960.97	(Rupees Four thousand Nine Hundred Sixty and Ninety Seven Paise Only)	15,875.10
19	Supplying, Fitting and Fixing M.S works of approved designs made out of M S Flat, hollwo section, i Section, Square bars/ Round bars etc. in railings, grills, gates etc of approved specifications / dimensions with necessary welded clamps fixed in proper position & plumb including a single coat of priming of approved quality metallic primer, making required holes in Masonary Walls / R.C.C Structures (where necessary) and grouting the clamps with C.C(1:2:4) with 12mm size black hard crusher broken granite stone chips, making good to the damages of Masonary Walls / R.C.C Structures including cost, conveyance, loading, unloading,stacking, royalties and taxes of all materials , cost of all labours, staging, scaffolding, sundries, T&P etc. complete as per the direction of the Engineer-in-charge.					
	Ground Floor	Kg.	32.00	58.20	(Rupees Fifty Eight and Twenty Paise Only)	1,862.40

20	Providing and Painting two coats with synthetic enamel paint of approved make, quality and shade on new Steel work to give an even shade over an under coat of primer of approved brand and manufacturer including the cost of all materials, cost of all labour, conveyance, loading, unloading, scaffolding, staging, T&P, etc, all complete as per the direction of Engineer-in-charge. (Note- colour and shade shall be approved before procurement and use.)					
	Ground Floor	Sqm	4.40	260.70	(Rupees Two Hundred Sixty and Seventy Paise Only)	1,147.08
21	Providing and applying 2 coats plastic emulsion paint of approved quality and shade over a coat of wall primer after finishing wall surface of walls with Acrylic wall putty (water based) of approved quality to surfaces (interior) including thoroughly brushing the surface free from foreign materials, sand papering smooth the intermediate coats, providing necessary putty & primer including of all materials, labour, conveyance, taxes, royalties, scaffolding, watering, curing, sundries, tools and plants etc as per the direction of Engineer in-charge. (colour & shade to be approved before procurement & use)					
	Ground Floor	Sqm	233.90	272.80	(Rupees Two Hundred Seventy Two and Eighty Paise Only)	63,807.92
22	Providing and applying two coats of Weather Coat Paint of approved make, quality and shade to the external surface of the building over a coat of primer after finishing wall surface of walls with Acrylic wall putty (water based) of approved make and finished smooth and even surface to receive painting of approved shade and quality after cleaning the plastered surface perfectly by watering and brushing including cost of material, putty, paint, brushes, all labour, taxes, loading, unloading, scaffolding, T&P etc. as required for the work as per the direction of Engineer-in-charge. (colour & shade to be approved before procurement & use)					
	Ground Floor	Sqm	153.40	168.00	(Rupees One Hundred Sixty Eight and Zero Paise Only)	25,771.20
<b>TOTAL COST OF WORKS</b>						Rs 1,311,943.38

(Rupees Thirteen Lakh Eleven Thousand Nine hundred Forty Three and Thirty Eight Paise Only)

Total No. of Pages Enclosed (other than DTCN) \_\_\_\_\_ Pages

Notes :- The Contractor should not write any thing except quoting of percentage Excess /Less/ Equal to the Estimate up to two decimal points only.

Conditions:- All materials Labour, Machinnaries and Equipments required to complete the work in all respect will be arranged by the tenderer at his own cost. The Employer will bear no responsibility on this aspect.

The amount put to tender is exclusive of GST. The intending bidder should offer the rates exclusive of GST. GST as applicable on works contract shall be paid over the bill amount at the time of payment of bill.

N B:- GST, Income Tax, Royalty, Labour Cess, Additional Charges, EMF, DMF as applicable will be deducted from the bill of the Contractor for all the above works. The Minimum Grade of Cement shall be OPC & HYSD bars of Fe 500.

  
Block Development Officer  
Odapada

My / Our quoted rate is of \_\_\_\_\_ (both in figures & words )  
Excess over / Less than the above estimated cost.

**CONTRACTOR**  
**(Full Signature)**