

SUMMARY OF COST FOR TENDER

कार्य का नाम :- जनपद कन्नौज में एकीकृत विकास योजनान्तर्गत सामुदायिक केन्द्र ग्राम गुगरापुर बागर विकास खण्ड गुगरापुर जनपद कन्नौज के निर्माण कार्य।

Sl. No.	Particular's	Amount (in Lakh)
1	COST OF CIVIL WORK	37.64
2	SANITARY AND WATER SUPPLY WORK	1.28
3	COST OF BOUNDARY WALL,	4.70
4	COST OF BOUNDARY WALL, PILLER & GATE	0.66
4	SITE DEVELOPMENT WORK	0.61
5	COST OF ELECTRIFICATION WORK	4.69
6	COST OF BORING WORK	0.68
7	COST OF DRAIN	0.29
8	COST OF SAPTIC TANK AND SOCKPIT	1.29
	TOTAL	51.84
9	Less 5% Due to work done by nigam	-2.59
	Total	49.25
	Note - Extra for GST applicable	


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Development Corporation Ltd.
Kannauj (U.P.)


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BILL OF QUANTITY FOR TENDER

कार्य का नाम :- जनपद कन्नौज में एकीकृत विकास योजना-नर्तगत सामुदायिक केन्द्र श्रीम. बुकिया बांगर विहार नरस गुर्गार
जनपद कन्नौज के निर्माण कार्य।

S.no	CODE	Description of Items	Unit	Quantity	Rate	M.R Amount	Amount
1	MR	Layout of Building including all labours t & p required for proper completion of work as per direction of Engineer in charge.	SQM	540.64	7.00	3784.48	
2	DSR 2.8.1	Earth work Excavation in trenches for foundation. in ordinary soil (loan clay or sand) including lift up to 1.50 m and lead upto 50 m.	CUM	91.35	260.30		23778.41
3	2.25A	Earth filling in plinth under floors including watering ramming, consolidating and dressing etc. complete including lead upto 30 m. and lift upto 1.5 m. including cost of supplied earth.	CUM	75.08	700.50		52593.54
4	2.25	Filling of Availavel Earth in trench plinth sides of foundation in depth, breaking clods, watering, rolling each layer. All kind of soil	CUM	91.35	196.00		17904.60
5	2.27	Sand filling in flooring includng watering ramming etc complete.	CUM	25.74	2123.75		54665.33
6	DSR 4.1.8	Providing and laying in cement concrete 1:4:8 (1cement:4 coarse sand:8 graded stone aggregate 40 mm nominal size and curing complete, including cost of formwork in foundation and floors.	CUM	35.28	6812.00		240327.36
7	DSR 6.1.2	First class brick work in 1:6 cement and coarse sand mortar in foundation including supply of all plants etc. required for proper completion of the work.	CUM	6.72	7132.25		47928.72
8	DSR	Centering and shuttering including strutting, propping etc. and removal of form for :column,plinth bend,lintel,sunshade,platform & slab.					
A	5.9.1	FOOTING	SQM	98.92	392.15		38791.48
B	5.9.5	PLINTH BEND	SQM	79.55	736.40		58580.62
C	5.9.5	LINTEL BEND	SQM	152.24	736.40		112109.54
D	5.9.3	SLAB	SQM	69.06	927.28		64037.96
E	5.9.6	COLUMN	SQM	86.49	961.30		83142.84
9	DSR 5.2	R.C.C. works with cement approved coarse sand and 20 mm approved stone aggregate in the proportion 1:1.5:3 (1 cement:1.5 coarse sand : 3 stone aggregate) excluding supply of reinforcement and its bending & binding.with binding wire including supply of all materials, labours,T&P					
A	5.1.2	FOOTING	CUM	29.74	9045.75		269020.61
B	5.1.2	G.L. to P.L.	CUM	7.81	9045.75		70647.31
C	5.3	LINTEL BAND	CUM	0.51	11505.5		5867.81
D	5.3	Slab level Beam	CUM	7.54	11505.5		86751.47
E	5.3	Slab	CUM	8.03	11505.5		92389.17
F	5.2.2	column	CUM	7.11	10853.0		77164.47
10	DSR 5.22.6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	KG	8609.96	107.85		928584.19
11	DSR 6.1.1	First class brick work in 1:4 cement and coarse sand mortar in foundation and plinth including supply of all plants etc. required for proper completion of the work.	CUM	1.39	7370.65		10245.20
12	DSR 6.4.2	First class brick work in 1:6 cement and coarse sand mortar in superstructure.	CUM	31.82	9105.95		289751.33

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13	DSR 6.4.1	First class brick work in 1:4 cement and coarse sand mortar in superstructure including supply of all plants etc. required for proper completion of the work.	CUM	7.51	9344.35		70176.07
14	13.4.2	12/15 mm wall plaster 1:4 cement :coarse sand including cost of all material labour T&P etc.complete.	SQM	494.01	343.65		169766.54
16	DSR 10.31	Providing, fabrication and fixing of ms angle iron chaukat make of 40*40*6 mm and 35*35*5 mm angle iron including supply of all material Labour T. & P. etc. complete as per direction of Engineer in charge.	Kg	161.19	130.50		21035.30
17	10.13.1	Providing, fabrication and fixing of Z-section windows, ventilators openable type with 10 mm sq bar grill with B.P Sheet in shutter as per approved drawing and design including supply of all material Labour T. & P. etc. complete as per direction of Engineer in charge.	KG	161.19	141.70		22840.62
18	4.2.3	Providing of Pcc with 1:2:4 cement coarse sand and stone aggregate for fixing of hold fast.	CUM	0.26	9895.20		2572.75
19	DSR 9.21.2	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	SQM	14.49	2172.10		31473.73
20	DSR 9.62	Providing and fixing ISI marked oxidised M.S sliding door bolts with nuts and screws etc. complete					
	9.62.2	250mm x 16mm	No.	8.00	193.70		1549.60
21	DSR 9.66	Providing and fixing ISI marked oxidised M.S handles conforming to IS: 4992 with necessary screws etc. complete					
	9.66.1	125 mm	No.	16.00	39.95		639.20
22	DSR 9.63	Providing and fixing ISI marked oxidised M.S tower bolts black finish (Barrel type) with necessary screws etc. complete					
	9.63.2	200x10mm	No.	8.00	69.40		555.20
	9.63.3	150x10 mm	No.	8.00	59.45		475.60
23	DSR 11.3.1	40mm. thick in flooring 1:2:4 cement: coarse sand:20 mm. stone aggregate with floating coat of neat cement including cost of all materials Labour and T & P etc. complete	SQM	183.37	614.20		112625.85
24	DSR 11.13.1	Fixing of glass stripsProviding and fixing glass strips in joints of terrazo/ cement concrete floors.40 mm wide and 4 mm thick	RMT	25.00	91.75		2293.75
25	DSR 8.31	Providing and fixing ceramic glazed wall tiles as per direction of Engineer-in-Charge,over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	SQM	59.36	1267.95		75265.51
26	11.37	Providing and laying Ceramic glazed floor tiles as per direction of Engineer in charge laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including pointing the joints with white cement and matching pigment etc. complete.	SQM	10.17	1096.55		11151.91
27	DSR 11.41.2	Providing and laying vetrified floor tiles of 600*600 size or laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including pointing the joints with white cement and matching pigment etc complete as per direction of Engineer in charge.	SQM	105.00	1553.45		163112.25

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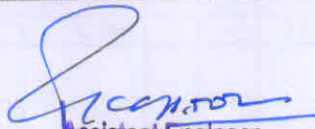
Abstract of Cost With Details of Measurement FOR TENDER

कार्य का नाम :-जनपद कन्नौज में एकीकृत विकास योजनान्तर्गत सामुदायिक केन्द्र ग्राम गुगरापुर बागंर विकास खण्ड गुगरापुर जनपद कन्नौज के निर्माण कार्य।

सं छात्र	D.S.R	Particulars	Nos	L	B	H	Qty	Unit	Rate	M.R.AMT.	DSR Amount
SANITARY FIXTURES & ACCESSORIES : I											
1		Providing & fixing white vitreous china water closet squatting pan ISI marked (Indian type W.C. pan) with 100mm sand cast iron P or S trap, 10/12.5 litres PVC low level flushing cistern with fittings & brackets 40mm dia C.P. flush pipe with fitting & clamps, 20mm over flow pipe with specials and mosquito proof coupling of approved municipal design, painting wherever required including cutting & making good the walls & floors where required.									
a)	17.1.1	Orissa Pattern W.C. pan of size 580x 440mm with integral type foot rests flush pipe and over flow arrangement.	1	4.00			4.00	Nos.	6767.40		27069.60
2		Providing & fixing white vitreous china wash basin with C.I. brackets painted white, 15mm C.P. brass pillar taps, C.P. brass chain with rubber plug, 32mm C.P. brass waste of standard pattern including cutting & making good the walls wherever required.									
a)	17.7.4	china angle back wash Basin size 600*480 mm with single 15mm C.P. brass pillar tap.	6	1.00			6.00	Nos.	2226.35		13358.10
3	DSR 17.4.1	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 :One urinal basin with 5 litre white P.V.C. automatic flushing cistern	1	2.00			2.00	Nos.	6258.75		12517.50
4		Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including PVC waste fittings complete.									
	17.28.1 1	32 mm dia	1	12.00			12.00	Nos.	119.55		1434.60
5	17.32.2	Providing & fixing 453*357 mm rectangular shape mirror of superior glass (of approved quality) complete with 6mm thick asbestos cement sheet ground fixed to wooden cleats with C.P. brass screws and washers.	6	1.00			6.00	No.	1361.80		8170.80
6	17.10.2 1	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink without drain board 610x510 mm bowl depth 200 mm	1	1.00			1.00		4940.80		4940.80



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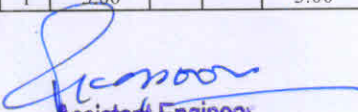
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क्र.सं. उपक्र.	D.S.R	Particulars	Nos	L	B	H	Qty	Unit	Rate	M.R AMT.	DSR Amount
7	17.73.2	Providing & fixing PTMT towl rail complete with brackets fixed to wooden cleats with cp brass screws with concealed fitting arrangement of approved quality and colour. 600 mm. long towl rail length of 645 mm. width 78 mm. and effective height of 88 mm, weighing not less than 190 gms.	2	1.00			2.00	Each	708.95		1417.90
8	18.65	provide and fixing PTMT soap dish holder having length of 138mm and width 102 mm height 75 mm with concealed fitting	6	1.00			6.00	Each	111.45		668.70
P.V.C SOIL WASTE & VENT PIPES AND FITTINGS - II											
1		Providing soil, waste and vent pipes.									
a)	A.R	110mm dia P.V.C Pipe	1	20.00			20.00	Rmt	660.00	13200.00	
b)	A.R	90 mm dia P.V.C Pipe	1	20.00			20.00	Rmt	480.00	9600	
2	N.S	Providing of PVC N-Trap 110x90	1	8.00			8.00	Nos.	300.00	2400.00	
3		P.V.C Plain Bend									
a)	12.42.5. 2	110 mm P.V.C Bend	1	6.00			6.00	Nos.	150.35		902.10
b)	ns	90 mm P.V.C Bend	1	6.00			6.00	Nos.	110.00	660.00	660.00
4		P.V.C Tee Bend									
a)	12.42.4. 2	110 x 110 mm	1	4.00			4.00	Nos.	221.35		885.40
b)	ns	90 x 90 mm	1	4.00			4.00	Nos.	144.30	577.20	
5		C.P Floor Jali									
a)	17.29	100 mm	1	8.00			8.00	Nos.	53.25		426.00
6		P.V.C Socket									
a)	N.S	110 mm	1	4.00			4.00	Nos.	200.00	800.00	
b)	N.S	90 mm	1	4.00			4.00	Nos.	125.00	500.00	
7	N.S	Solvent	1	2.00			2.00	Liter	450.00	900.00	
9	Analysis	Providing and making Main Hole Chamber Including e/w ,b/w , plaster r.c.c cover etc complete in all respect size of Main Hole Chamber (600x600x450)	1	1			1.00	Nos.	6741.01		6741.01
WATER SUPPLY PIPES AND FITTINGS - III											
1		Providing & fixing C.P.V.C pipes complete with C.P.V.C fittings & clamps including cutting & making good the walls etc.(internal work)									
i)		Exposed on wall									
a)	18.7.3	25mm dia nominal bore (medium duty)	1	20.00			20.00	Rm.	401.55		8031.00
ii)		providing and fixing C.P.V.C Concealed pipe including jointing of pipes and fittings. cutting chases and making good the wall.									
a)	18.8.1	15mm dia nominal bore	1	15.00			15.00	Rm.	497.80		7467.00
b)	18.8.2	20mm dia nominal bore	1	15.00			15.00	Rm.	537.60		8064.00
2		Providing and fixing 45 cm long unplasticised PVC connection pipe with brass unions.									
a)	18.21.2. 1	15mm nominal bore	1	5.00			5.00	Nos.	97.75		488.75
3		P/F dia PTMT Bib cock of approved quality and colour 15mm nominal bore including cost of all material, labour, T&P etc. required for proper completion of work.									
	18.54.2	15mm nominal bore	1	10.00			10.00	Nos.	161.20		1612.00
4		Providing and fixing PTMT angel valve for basin mixer and geyser points of approved make conforming to IS:8931. 15 mm nominal bore									
a)	18.63	15mm nominal bore	1	12.00			12.00	Nos.	156.90		1882.80
5		Providing and fixing gate valve with wheel of approved quality.									
a)	18.17.1	25mm dia nominal bore	1	3.00			3.00	Each	622.40		1867.20
		20 mm dia nominal bore	1	3.00			3.00	Each	539.95		1619.85


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क्र.सं. छवण	D.S.R	Particulars	Nos	L	B	H	Qty	Unit	Rate	M.R AMT.	DSR Amount
6	18.55.3	Providing and fixing PTMT stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore	1	2.00			2.00	Each	218.10		436.20
7	18.64	P/F 15 mm dia PTMT Shower including cost of all material, labour, T&P etc. required for proper completion of work.	1	2.00			2.00		121.40		242.80
8	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but	2	1000.00			2000.00	ltr.	11.00		22000.00
9	Job.	Making platform for water storage tank	1	2.00			2.00	Each	1000.00	2000.00	
										30637.20	132904.11
		Cost Factor Apply 0.735 as per PWD Circular 294 dt. 26.10.2023									97684.52
		add cost index 107/107									97684.52
									TOTAL	128321.72	
									Say Rs. In Lacs	1.28	


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Abstract of Cost (Analysis) FOR TENDER

कार्य का नाम :- जनपद कन्नौज में एकीकृत विकास योजनान्तर्गत सामुदायिक केन्द्र अस. गुरुकुल वंगर विकास २१७३ गु. कन्नौज
 जनपद कन्नौज के निर्माण कार्य।

Construction of Boundary wall Taken L = 15.50 Rmt.

S.No	DSR 2023	Particulars	Qty	unit	Rate	DSR Amount	DSR Amount
1	2.8	Earth work in excavation in Hard soil in foundation of Boundary wall including labour T&P Completion of work.	3.58	cum	260.30	931.87	
2	4.1.8a	Providing and laying in cement concrete 1:4:8 (1 Cement : 4 Coarse Sand : 8 graded brick aggregate 40 mm nominal size) and curing complete.	0.36	cum	5205.25	1873.89	
3	4.1.2	R.C.C. work in Foundation work 1:1½:3 (c:c/s:s/g) mortar with complete of the work	2.41	cum	8340.85	20101.45	
4	6.4.2	Brick work in S/S 1:6(c:c/s) mortar with completion all labour material, T&P etc. complete	2.45	cum	9105.95	22309.58	
5	4.2.2	R.C.C. work in s/s 1:1½:3 (c:c/s:s/g) mortar with complete of the work	0.83	cum	10357.55	8596.77	
6	13.5.2	12 mm thick plaster in 1:6 (c:c/s) mortar with completion of the work	58.80	sqm	395.35	23246.58	
7	MR	Making Groove Cutting in Plaster i/c all labour material, T&P etc. complete	42.00	RM	12.00		504.00
8	13.8	Providing and applying two coat white cement Based wall care putty of approved make over the plastered wall surface to prepared the surface even and smooth complete.	58.80	sqm	156.05	9175.74	
9	13.46.1	Finishing Wall With Acrylic smooth exterior Paint of Approved Quality including cost of Material T&P etc. complete	58.80	sqm	160.60	9443.28	
10	5.22.6	TMT Steel Work in all labour material, T&P etc. complete	286.26	Kg	107.85	30873.14	
11		centering and shuttering including strutting propping etc and removal of form wrk					
a	5.9.1	foundation footings	12.36	sqm	392.15	4846.97	
b	5.9.5	Lintels beam plinth beam	9.72	sqm	736.40	7157.81	
c	5.9.6	column	9.14	sqm	961.30	8786.28	
						147343.36	504.00
		Cost factor on DSR Amount (Amount *.735				108297.37	
		Cost index for Kannauj 107/107				108297.37	
						108801.37	
		Hence Cost per Rmt 108801.37 / 15.50			7019.44	Per/Rmt	
A	As Per Anal	Cost of Construction Boundary wall (67 Rmt)	67.00	Rmt	7019.44	470302.70	
					say	4.70	Lacs

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Abstract of Cost (Analysis) FOR TENDER

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विनास २०१३ दुप्री जनपद कन्नौज के निर्माण कार्य।

Construction of Boundary wall Gate & Pillar

S.No	DSR 2023	Particulars	Qty	unit	Rate	DSR Amount	DSR Amount
1	2.8	Earth work in excavation in main Gate pillar Hard soil infoundation of Boundary wall including labour T&P Complition of work.	1.60	cum	191.00	305.60	
2	4.1.8a	Providing and laying in cement concrete 1:4:8 (1 Cement : 4 Coarse Sand : 8 graded brick aggregate 40 mm nominal size) and curing complete.	0.20	cum	5205.25	1041.05	
3	4.1.2	R.C.C. work in Foundation work 1:1½:3 (c:c/s:g)mortar with complete of the work	1.84	cum	8340.85	15347.16	
4	5.22.6	TMT Steel Work in all labour material, T&P etc. complete	76.19	kg	107.85	8217.09	
5	6.4.1	Brick work 1:4 c:c/s s/s	0.89	cum	9344.35	8316.47	
6		centering and shuttering including strutting propping etc and removal of form wrk					
a	5.9.1	foundation footings	6.88	sqm	392.15	2697.99	
b	5.9.5	Lintels beam plinth beam	9.20	sqm	736.40	6774.88	
c	5.9.6	column	6.72	sqm	961.30	6459.94	
7	10.15	P/F MS Gate Tabular frame for door window ventilators and cupboard with rectangular /L -type section Hello pipe with Fixing etc comp with Enamel paint Boundary wall Gate					
	10.15	Fixing with 15*3 mm lugs 10 cm long embedded in cement concrete blok 15*10*10 cm of CC 1:3:6	206.1	kg	195.20	40230.72	
						89390.91	
		Cost factor on DSR Amount (Amount *.735				65702.32	
		Cost index for Kannauj 107/107				65702.32	
						65702.32	
					Say Lacks	0.66	

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Abstract of cost (interlocking) FOR TENDER

कार्य का नाम :-जनपद कन्नौज में एकीकृत विकास योजनान्तर्गत सामुदायिक केन्द्र श्रीम. गुरुकुल
वंगर. विकास. २५६६. गुरुकुल जनपद कन्नौज के निर्माण कार्य।

S. N.	DSR 2023	Item of Work	QTY	unit	Rate	DSR Amount	MR Amount
1	16.78.1	Providing and Laying GSB (20-40) mm size etc compacted etc comp.	5.04	cum	2784.00	14031.36	
2	16.91.1	Providing & Laying of 80mm. Thick I Shaped Rubber Moulded Interlocking tile Block of Grey Colour Labour Rate only	63.00	sqm	1091.50	68764.50	
Total						82795.86	0.0
Cost factor on DSR Amount (Amount *.735)						60854.96	
Cost Index for Kannauj 107/107						60854.96	
						60854.96	
Say						0.61	

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S. Kumar

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U.P. State Construction and Infrastructure Development Corporation Ltd.

Name of work:- **Electrical Estimate of Community Hall Under Ekikrit Vikas Yojna Samaj Kalyan Vibhag all U.P. (Total Area-278.32 sq.mtr.)**

S No.	Code	Description of Item	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7
(A)	Schedule Rate - (As per CPWD - DSR (E&M) -2022)					
1	1.1	Wiring for light point/fan point /exhaust fan point /call bell/Sodium point with 1.50 Sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable G-I box and earthing the point with 1.50 sq. mm FRLS PVC insulated copper conductor single core etc. as required.				
	1.10.3	Group C	47	Each	1467.00	68949.00
2	1.31.	Supplying and fixing suitable size G-I box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	8	Each	477.00	3816.00
3	1.14	Wiring for Circuit/Submain wiring along with earth wire with the Following size FRLS 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	190.00	Rm	275.00	52250.00
	1.14.3	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	125.00	Rm	334.00	41750.00
	1.14.4	2 x 6 sq. mm + 1 x 6 sq. mm earth wire	50.00	Rm	439.00	21950.00
4	1.17	Supplying and Drawing following sizes of FRLS PVC insulated copper conductor single core cable in the existing surface / recessed medium class PVC conduit as required.				
	1.17.12	3 x 2.5 sq. mm	75.00	Rm	137.00	10275.00
5	2.10	Supplying and fixing 5 A to 32 A rating, 250 / 415 V, 10 Ka, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. required.				
	2.10.1	Single pole	20	Each	256.00	5120.00
6	2.12	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. required.				
	2.12.1	40 Amp.	2	Each	435.00	870.00
	2.12.2	63 Amp.	1	Each	527.00	527.00
7	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, 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)				
	2.3.2	8 way, Double door	1	Each	2573.00	2573.00
	2.3.3	12 way, double door	2	Each	2315.00	4630.00
8	2.23	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following single pole and neutral, sheet steel, MCB distribution board, 240 Volts, on surface/ recess, complete with testing and commissioning etc. as required.				
	2.23.2	For 8 way, Double door SPN MCBDB	3	Each	832.0000	2496.00
9	1.45	Installation, testing and commissioning of ceiling fan, including wiring of the down rods of standard length (upto 30 cm) with 1.50 sq. mm, FRLS PVC insulated, copper conductor, single core cable including providing and fixing phenolic laminated sheet cover on the fan box etc.. as required.	16	Each	339.00	5424.00
10	1.50	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc.. as required.				
	1.50.1	Upto 450 mm sweep.	5	Each	450.00	2250.00


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1	2	3	4	5	6	7
11	1.32	Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	5	Each	586.00	2930.00
12	1.25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but modular plate etc. as required.	16	Each	396.00	6336.00
		Total				232146.00
		Multiplied by Rate factor (without cost index) @ 0.789 X 112/110=0.803 (on Amount Rs. 1605279.00 X 0.803)				186413.24
		Total A				186413.24
(B) Market Rate - (Non Scheduled Items) -						
1	NS	S/F of 100 Amp four pole change over switch on 40 mm x 40 mm x 6 mm angle iron frame, including the cost of labour, T&P painting & other material required for proper completion of the work as per direction and satisfaction of Engineer in charge.	1	Each	8750.00	8750.00
2	NS	Supply & Laying of 25 mm x 3 mm G.I. Strip from earth electrode directly in the ground as required complete in all respect.	10.00	Rm	90.00	900.00
3	NS	Supply and burring of Safe Earthing Electrode T-19, (Hot Dip Galvanized), Length up to 3000 mm, Outer Dia-50 mm, inner Dia 25, terminal Dia 12 mm, outer G.I. pipe of 16 swg and inner G.I. pipe of 12 swg with Hot Dip Galvanization up to 100 micron filled with crystalline conductive mixture (CCM) having anti corrosive & conductive property with 50 kgs activated soil (BFC) capable of reducing the soil resistivity with good mixture of retaining capacity and one earthing lead of 25 mm x 3mm G.I. strip upto switch board (from apron to switch board, the cost of G.I. strip will be extra) along with 30 cm square C.I. frame with hinged cover & masonry housing.	1	Each	10040.00	10040.00
4	NS	S/F of 50 Amp. to 63 Amp. SPMCB (10 KA) Cat-B	3	Each	390.00	1170.00
5	NS	Supply and fixing of 16 gauge M S drum with louvers duly painted including making hole in the wall for exhaust fan and finishing properly complete in all respects.	5	Each	810.00	4050.00
6	NS	Supply and fixing of hexagonal / round G P fan box of approved make made up 1.0 mm thick ISI Marked G.P. sheet spot welded four to Eight holes of 25.40 mm for pipe entry of the box. Holes should be semi-shuttered type with 0.50 mm G P sheet made upper and lower cover duly screwed fitted with 300 mm round zink coted M S bar x 12 mm and brand name should be embossed, fixing with wiring conduit laid in the R.C.C. roof before concreting along with supply of all material, labour, T&P etc. required for proper completion of work/Fan Hook	16	Each	150.00	2400.00
7	NS	Supply and fixing of 36 watt to 46 watt indoor recess mounting LED Square Fitting for Armstrong Ceiling having Powder coated die cast aluminium housing body with extended heat sink, diffuser of Special Polycarbonate material and driver set complete in all respect. Cat-AA	3	Each	3940.00	11820.00
8	NS	Supply and fixing of LED Tube Light with Metal heavy duty box type batten Light fitting 1 x 22 watt suitable for upto 1 x 22 watt LED Polycarbonate tube light complete including tube suitable for both surface & suspended complete in all respect. Cat AA	8	Each	1020.00	8160.00
9	NS	Supply and fixing of LED Street light Fitting having die cast aluminium body and diffuser with driver set suitable for 52 watt to 72 watt. Confirming to IP 66 protection complete in all respect Cat-AA	2	Each	4680.00	9360.00
10	NS	S/F of Highbay Light 80 watt with bracket, clamp, chain complete in all respect.	8	Each	12500.00	100000.00
11	NS	S/F of Fan Downrod, 1.5 mtr. long.	12	Each	350.00	4200.00
12	NS	Supply & Fixing of Fan Sheet of Backelite	4	Each	38.00	152.00
13	NS	S/F of LED Bulb 9 watt ISI	11	Each	150.00	1650.00
14	NS	Supply & Fixing of light duties exhaust fan 12" dia ISI double ball bearing metallic Usha / Crompton/Bajaj make	4	Each	2300.00	9200.00



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(आर० एस० यादव)
कानपुर (वि०)

5

1	2	3	4	5	6	7
15	NS	S&F of Fire extinguisher, ABC Type 6.00 Kg. capacity (ISI marked IS: 15683 & TAC approved) complete with initial charge and wall bracket, along with supply of all materials and labour for proper completion of	4	Each	9100.00	36400.00
16	NS	S&F of Co2 type Fire extinguisher, 4.5 Kg. capacity (ISI marked IS: 2878 & TAC approved) complete with initial charge and wall bracket, along with supply of all materials and labour for proper completion of work.	2	Each	11980.00	23960.00
17	NS	Supply and fixing of fire bucket, round bottom made of G.I. sheet 9-11 litres capacity duly painted as per fire brigade design, supported on hanging bracket chained and locked, initially filled with fine river sand, water as per directions of Engineer-in-Charge.	2	Each	490.00	980.00
18	NS	Supply & Fixing of heavy duties exhaust fan 12" dia ISI bearing metallic Usha / Crompton/Bajaj make	1	Each	2800.00	2800.00
19	NS	Supply & Fixing of exhaust fan livers 12" dia	5	Each	500.00	2500.00
20	NS	S/f of ceiling fan 1200 mm sweep. Single star rated Usha / Crompton/Bajaj mak	4	Each	2150.00	8600.00
21	NS	S/f of ceiling fan 1400 mm sweep. Single star rated Usha / Crompton/Bajaj mak	12	Each	2250.00	27000.00
22	NS	S/F of Kit-Kat fuse 200 Amp 02 nos. with neutral link, wooden ply board, Hole fasner with connection	1	Each	1250.00	1250.00
23	NS	S/F of Wall Fan 16" Usha / Crompton/Bajaj make	2	Each	2500.00	5000.00
24	NS	S/L of Service Cable 10 sq.mm x 2 core with G.I. support wire.	70.00	Rm	35.00	2450.00
		Total B				282792.00
		Total (A+B)				469205.24
		Say In Lacs				4.69

Note:- G.S.T. Extra as applicable.

(आर० एस० यादव)
अधिसासी अमियन्ता (वि०)
यू०पी० सिडको - लखनऊ

ABSTRACT OF COST (Boring) FOR TENDER

कार्य का नाम :-जनपद कन्नौज में एकीकृत विकास योजनान्तर्गत सामुदायिक केन्द्र ग्राम गुगरापुर बागर विकास खण्ड गुगरापुर जनपद कन्नौज के निर्माण कार्य।

S.No.	DSR	DESCRIPTION OF ITEM	Qty.	UNIT	RATES	AMOUNT MR	AMOUNT DSR
1	MR	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.160 mm. dia	60	mtr.	190.00	11400.00	
2	MR	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe Supreme make of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge. 110mm. dia (supreme)	55	Mtr.	250.00	13750.00	
3	23.8	Gravel Packing in Tubewell Construction accordanse With IS 4097					
		3.14/4*(.160-.110)*70=2.74	2.74	Cum.	2024.50		5547.13
4	MR	Testng & Development of boring work.	1	job	3000.00	3000.00	
5	23.14 .1	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.Supply & Laying 110 mm	1	No.	1911.40		1911.40
6	23.15 .1	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).Supply & Laying of 110 mm. Dia M.S. bail plug	1	No.	265.10		265.10
7	MR	Varuna ,make submersible pump single phase (1 H.P.) (ISI Marka)	1	Set	13000.00	13000.00	0.00
8	MR	Control Pannel with 100 Amp. Main switch	1	Set	3000.00	3000.00	0.00



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9	MR	Flat Copper Cable 1x3x6mm. ISI Mark	65.00	mtr.	125.00	8125.00	0.00
10	MR	Supply of 32 mm. Dia P.V.C.. column pipe of c class both side flanged type all fitting complete	35	Mtr.	130.00	4550.00	0.00
12	MR	Supply of Nylon Rope 8 mm	66	mtr.	25.00	1650.00	0.00
13	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 32 mm dia nominal bore	1.00	each	689.60	0.00	689.60
14	18.32	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design :	1.00	each	1992.60	0.00	1992.60
15	18.46	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)					
	18.46	32 mm nominal bore	2.00	each	489.05	0.00	978.10
16	MR	Fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes .110mm. dia	1.00	job	1000.00	1000.00	
		Total				59475.00	11383.93
		Cost Factor Apply 0.735 as per PWD Circular 294 dt. 26.10.2023					8367.19
		Add Cost Index 107					8367.19
		Total				59475.00	8367.19
		Total DSR & MR.				67842.19	
		G. Total				67842.19	
		Say in Lakh				0.68	


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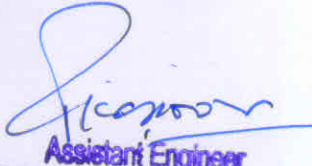

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BILL OF QUANTITY FOR TENDER

कार्य का नाम :-जनपद कन्नौज में एकीकृत विकास योजनान्तर्गत सामुदायिक केन्द्र
ग्राम गुगरापुर बागंर विकास खण्ड गुगरापुर जनपद कन्नौज के निर्माण कार्य।

S.no	DSR CODE	Description of Items	Unit	Quantity	Rate	Amount
1	AR	Construction of u type drain of Size (250 wide & 300average depth	RMT	15.00	1912.00	28680
					SAY	0.29


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Abstract of Cost With Details of Measurement FOR TENDER

Septic Tank (50 Users) & Sockpit (3.00mtr. Dia)

S.N.	Particulars	No.	L	B	H/D	Qty	Unit	Rate	Amount
1	Earth Work excavation in ordinary soil including 1.5 mtr. Lift & 30.00mtr. Lead								
	Spetic tank	1	5.50	2.10	1.50	17.33			
	Sokpit	1	3.14	2.25	2.50	17.66			
						34.99	Cum.	260.30	9107.90
2	PCC 1:4:8 Cement:Coarse sand:stone ballast 40mm size								
	Spetic tank	1	5.50	2.10	0.10	1.16			
	Sokpit	1	0.75	0.75	0.10	0.06			
						1.22	Cum.	6812.00	8310.64
3	class m-150 Brick Work in 1:4 Cement:C.sand Mortor including supply of all								
	Spetic tank	2	5.46	0.23	1.8	4.52			
		2	1.6	0.23	1.8	1.32			
	Sokpit	2	0.69	0.23	2.00	0.63			
		2	0.23	0.23	2.50	0.26			
		1	9.45	0.23	0.30	0.65			
						7.38	Cum.	7370.65	54395.40
4	RCC Work 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size) in Stair case, Mumty Slab & Parapet Patta								
		1	5.46	2.06	0.10	1.12			
		1	1.80	0.12	0.60	0.13			
	Sokpit	1	3.14	2.25	0.10	0.71			
						1.96	Cum.	11505.50	22560.67
4A	Centring & Shutrting Work								
		1	5	1.6		8.00	Sqm.	927.25	7418.00
		1	15.04			15.04	mtr.	208.55	3136.59
5	M.S. Work in R.C.C. Work								
	1.96x78.5x1.5					153.86	Kg.	107.85	16593.80
6	20mm. Thick 1:2 Cement:C.sand Mortor								
		2	5		1.8	18.00			
		2	1.6		1.8	5.76			
		1	15.04		0.25	3.76			
	Sokpit	1	9.45		0.25	2.36			
						29.88	Sqm.	587.20	17547.00

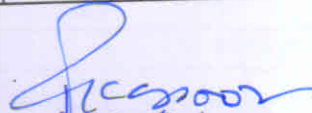

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7	Filling Of Brick Bats in Sokpit								
		1	3.14	2.25	2.50	17.66			
		-1	0.45	0.45	2.50	-0.51			
						17.15	Cum.	2150.00	36872.50
	Total								175942.506
	Cost Factor 0.735 Apply as per PWD Circular 294 dt. 26.10.2023								129317.74
	Add Cost Index 107								129317.74
									129317.74
	Say Rs.								1.29


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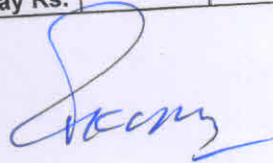
Analysis of covered Drain Size 250x300mm.

ABSTRACT OF COST CIVIL WORK FOR T.S

कार्य का नाम :- जनपद कन्नौज में एकीकृत विकास योजनान्तर्गत सामुदायिक केन्द्र ग्राम गुगुरापुर बांगर विकास
ग्राम गुगुरापुर जनपद कन्नौज के निर्माण कार्य।

S.No.	DSR 2023	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATES	AMOUNT
1	2.8.1	Earth work in excavation in trenches for foundations land for pipes cables etc. in ordinary soil (loan clay or sand) including lift upto 1.5 m and dressing of sides and ramming of bottom sand disposal of surplus excavated earth as directed by the Engineer i/c with in a lead of 50m.	3.85	CUM	260.30	1002.16
2	4.1.8	Providing and laying in cement concrete 1:2:4 (1 cement :4coarse sand :4 graded stone aggregate 40 mm nominal size) and curing complete, including cost of form-work, in foundation and floors. Same as above but 1:4:8	0.56	CUM	6812.00	3814.72
3	6.1.1	Class 150 Brick Work in 1:4 cement and coarse sand of 2.20 fineness modulus mortar in foundation and plinth including supply of all materials, labour and tools and plants etc. required for proper completion of the work.	1.90	CUM	7370.65	14004.24
4	4.1.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 20 mm thick with 20 mm nominal size stone aggregate	0.13	Cum.	7878.50	1024.21
5	13.9.2	20 mm cement plaster on single or half brick wall finished with a floating coat of neat cement of mix : 1:3(1 cement: 3 Coarse sand)	10.60	Sqm.	587.20	6224.32
Total						26069.64
Cost Factor Apply as per PWD Circular 294 dt. 26.10.2023						19161.18
add cost index 107						1916.12
cost of Per Meter						1916.00
Say Rs.						








1	Window Angle ironframe with BP Sheet Shutter							1.5*1.5	
	Frame							U.WT.	
	Angle 35*35*5		1	1	2.00	1.50	2.60	7.80	
			1	1	2.00	1.20	2.60	6.24	
	sqare bar	horizontal	1	1	6.00	1.50	0.50	4.50	
		vertical	1	1	12.00	1.20	0.50	7.20	
	ms flat 30*3		1	1	4.00	1.20	0.71	3.41	
	shutter angle 30*30*3		1	1	6.00	1.19	1.40	10.00	
		horizont	1	1	9.00	0.49	1.40	6.17	
	ms sheet	18 gauge	1	3	0.50	1.20	9.52	17.14	
	hole fast		1	1	6.00	0.15	2.60	2.34	
	hings		1	1	6.00		0.30	1.80	
	Both side Aldrop, Handles & arrangement for them fixing								3.00
								69.60	
2	WINDOW							1.2*1.2	
	W angle iron 35*35*5 (.90 * .90)		1	1	2.00	1.20	2.600	6.24	
			1	1	2.00	1.20	2.600	6.24	
	sqare bar	horizontal	1	1	6.00	1.20	0.500	3.60	
		vertical	1	1	10.00	1.20	0.500	6.00	
	ms flat 30*3		1	3	2.00	0.38	0.710	1.62	
	shutter angle 30*30*3		1	3	2.00	1.17	1.400	9.83	
		horizont	1	3	2.00	0.38	1.400	3.19	
	ms sheet (.418 gauge		1	3	0.38	1.17	9.520	12.70	
	hole fast		1	2	4.00	0.15	1.400	1.68	
	hings		1	1	6.00		0.300	1.80	
	Both side Aldrop, Handles & arrangement for them fixing								3.00
								55.90	
3	ventilator							0.90*0.60	
	V angle iron 35*35*5 (.45 * .60)		1	1	2.00	0.90	2.600	4.68	
			1	1	2.00	0.60	2.600	3.12	
	sqare bar	horizontal	1	1	4.00	0.88	0.500	1.76	
		vertical	1	1	6.00	0.58	0.500	1.74	
	ms flat	30*3	1	1	2.00	0.58	0.710	0.82	
	shutter angle 30*30*.3 v		1	1	4.00	0.43	1.400	2.41	
		horizont	1	1	4.00	0.58	1.400	3.25	
	ms sheet		1	2	0.43	0.58	9.521	4.75	
	hole fast		1	1	4.00	0.10	2.600	1.04	
							TOTAL	23.57	
Analysis of weight of Z-Section									
	Size	1.50	x	1.50	meter				
S.No.	Item		No	L		Wt / M	Wt	Unit	
	Wt. of Window								
1	Z-Section (H	Outer frame							
	F7D	V	1	2	1.50 @	1.41	4.23		
		H	1	3	1.50 @	1.41	6.35		
	meddle mullion f4b		1	2	1.03 @	2.28	4.70		


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For Shutter	H	3	2	0.47	@	1.41	3.98
	V	3	2	1.03	@	1.41	8.71
Partition tee 19		1	1	0.43	@	0.84	0.36
3mm thick		3	2	0.47	@	0.84	2.37
M.S Sheet 18 Gauge		1	###	1.50	@	9.52	21.42
10 mm Square Bar grill							
Horizontal			16	1.47	@	0.78	18.35
T Bolt			6			0.15	0.90
Hinges			4			0.15	0.60
Hold Phast m s flat 20x5 mm			6	0.15	@	0.80	0.72
Handle			3			0.15	0.45
Total							73.13 Kg

ITEM- Calculation of Weight For Z - Section Window Frame

S.No.	Item	Size	No	L	meter	Wt / M	Wt	Unit
	Wt. of Window							
1	Z-Section (H	1.50			1.20			
	Outer frame							
	F7D	H	1	2	1.50 @	1.41	4.23	
		V	1	2	1.20 @	1.41	3.38	
	meddle mullion f4b		1	2	1.20 @	2.28	5.47	
	For Shutter	H	3	2	0.47 @	1.41	3.98	
		V	3	2	1.17 @	1.41	9.90	
	Partition tee 19		3	2	0.47 @	0.84	2.37	
	M.S Sheet 18 Gauge		1	###	1.20 @	9.52	17.14	
	10 mm Square Bar grill							
	Horizontal			12	1.50 @	0.785	14.13	
	T Bolt			6		0.15	0.90	
	Hinges			6		0.15	0.90	
	Hold Phast m s flat 20x5 mm			6	0.15 @	0.80	0.72	
	Handle			3		0.15	0.45	
	Total						63.57 Kg	

ITEM- Calculation of Weight For Z - Section Window Frame

S.No.	Item	Size	No	L	meter	Wt / M	Wt	Unit
	Wt. of Window							
1	Z-Section (H	1.20			1.20			
	Outer frame							
	F7D	H	1	2	1.20 @	1.41	3.38	
		V	1	2	1.20 @	1.41	3.38	
	meddle mullion f4b		1	1	1.20 @	2.28	2.74	
	For Shutter	H	2	2	0.57 @	1.41	3.21	
		V	2	2	1.17 @	1.41	6.60	
	Partition tee 19		2	2	0.57 @	0.84	1.91	
	M.S Sheet 18 Gauge		1	###	1.20 @	9.52	13.71	
	10 mm Square Bar grill							
	Horizontal			12	1.20 @	0.785	11.30	
	T Bolt			6		0.15	0.90	
	Hinges			6		0.15	0.90	

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	Hold Phast m s flat 20x5 mm	6	0.15	@		0.80	0.72	
	Total						48.76	Kg
ITEM-	Calculation of Weight For Z - Section ventilator							
	Size	0.90	x	0.60	meter			
S.No.	Item	No	L			Wt / M	Wt	Unit
	Wt. of Window							
1	Z-Section (H	Outer frame						
	F7D	H	1	2	0.90	@	1.41	2.54
		V	1	2	0.60	@	1.41	1.69
	meddle mullion f4b		1	1	0.60	@	2.28	1.37
	For Shutter	H	2	2	0.43	@	1.41	2.43
		V	2	2	0.57	@	1.41	3.21
	Partition tee 19		1	2	0.43	@	0.84	0.72
	M.S Sheet 18 Gauge		1	###	0.60	@	9.52	5.14
	10 mm Square Bar grill							
	Horizontal		6	1.20	@		0.785	5.65
	T Bolt		4				0.15	0.60
	Hinges		4				0.15	0.60
	Hold Phast m s flat 20x5 mm		4	0.15	@		0.80	0.48
	Total						24.43	Kg

ANALYSIS OF WEIGHT

ITEM-	Calculation of Weight For Angle-Iron Door Frame							
	Size	1.00	x	2.10	meter			
S.No.	Item	No	L			Wt / M	Wt	Unit
	Angle section 40x40x6							
	outer		2	2.10	@	3.50	14.70	
			1	1.00	@	3.50	3.50	
	Hold Phast m s flat 20x5 mm		8	0.15	@	0.80	0.96	
	Tie Bar 10 mm Sq.bar		1	1.00	@	0.78	0.78	
	Hinges 125 mm		4		@	0.20	0.80	
							20.74	Kg

ANALYSIS OF WEIGHT

ITEM-	Calculation of Weight For Angle-Iron Door Frame							
	Size	0.90	x	2.10	meter			
S.No.	Item	No	L			Wt / M	Wt	Unit
	Angle section 40x40x6							
	outer		2	2.10	@	3.50	14.70	
			1	0.90	@	3.50	3.15	
	Hold Phast m s flat 20x5 mm		8	0.15	@	0.80	0.96	
	Tie Bar 10 mm Sq.bar		1	0.90	@	0.78	0.70	
	Hinges 125 mm		4		@	0.20	0.80	
							20.31	Kg


ITEM-	Calculation of Weight For Angle-Iron Door Frame							
	Size	0.75	x	2.10	meter			

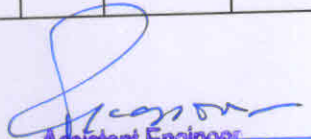
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S.No.	Item	No	L		Wt / M	Wt	Unit
	Angle section 40x40x6						
	outer	2	2.10	@	3.50	14.70	
		1	0.75	@	3.50	2.63	
	Hold Phast m s flat 20x5 mm	8	0.15	@	0.80	0.96	
	Tie Bar 10 mm Sq.bar	1	0.75	@	0.78	0.59	
	Hinges 125 mm	4		@	0.20	0.80	
						19.68	Kg


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ANALYSIS OF RATE OF PIPES :- Supreme Make Price List Dated 18.09.2020

S No.	Item	Basic Rate / Meter	Discount	Total Rate (A)	Cartage @ 4% on (A)	Sub Total (B)	Wastage @ 5% on (B)	Add for fitting and painting etc @ 10% on (B)	Sub Total	Unit Labour Charges / meter	Sub Total (C)	Sundries etc. @ 3% on (C)	Water & Electric charges @ 1.5% on (C)	Sub Total	Add CP @ 10%	Total	SAY	
1	Providing & fixing UPVC Floor trap of self cleansing design with CP Jali complete in all respects. (Make : Supreme / Finolex / Prince)P-Trap type Floor Trap 110 x 110 mm																	
	110x110 mm CP grating (N. Trape)	290.00	-29.00	261.00	10.44	271.44	13.57	0.00	285.01	60.00	345.01	10.35	5.18	360.54	36.05	396.59	395.00	
2	Providing and fixing terminal guard.																	
	110 mm	42.00	-4.20	37.80	1.51	39.31	1.97	0.00	41.28	25.00	66.28	1.99	0.99	69.26	6.93	76.19	75.00	
3	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC pipes including jointing with seal ring leaving 10 mm gap for thermal expansion.																	
	110mm bend	252.70	-25.27	227.43	9.10	236.53	11.83	0.00	248.35	30.00	278.35	8.35	4.18	290.88	29.09	319.97	320.00	
	110mm bend	275.00	-27.50	247.50	9.90	257.40	12.87	0.00	270.27	30.00	300.27	9.01	4.50	313.78	31.38	345.16	345.00	
	Coupler																	
	110mm	134.58	-13.46	121.12	4.84	125.97	6.30	0.00	132.27	25.00	157.27	4.72	2.36	164.34	16.43	180.78	180.00	
	Single tee																	
	110x110x110 mm	321.89	-32.19	289.70	11.59	301.29	15.06	0.00	316.35	25.00	341.35	10.24	5.12	356.71	35.67	392.39	390.00	
	Door Tee																	
	110x110x110 mm	382.00	-38.20	343.80	13.75	357.55	17.88	0.00	375.43	25.00	400.43	12.01	6.01	418.45	41.84	460.29	460.00	
	Covel 110mm.	110.00	-11.00	99.00	3.96	102.96	5.15	0.00	108.11	25.00	133.11	3.99	2.00	139.10	13.91	153.01	155.00	

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4 Providing and fixing in floor and wall face unplasticised Rigid PVC soil and waste water pipes conforming to IS : 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion . (i) Single socketed pipes.

110 mm dia.	494.50	-49.45	445.05	17.80	462.85	23.14	0.00	485.99	90.00	575.99	17.28	8.64	601.91	60.19	662.11	660.00
160 mm dia.	1055.17	-105.52	949.65	37.99	987.64	49.38	0.00	1037.02	120.00	1157.02	34.71	17.36	1209.09	120.91	1330.00	1330.00
200 mm. dia	1719.50	-171.95	1547.55	61.90	1609.45	80.47	0.00	1689.92	150.00	1839.92	55.20	27.60	1922.72	192.27	2114.99	2023.00
90 mm dia.	342.67	-34.27	308.40	12.34	320.74	16.04	0.00	336.78	80.00	416.78	12.50	6.25	435.53	43.55	479.08	480.00


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Analysis of Rates (Manhole) FOR TENDER

Construction of manhole 600x600x450 mm with excavation,refilling, cc 1:4:8 cement coarse sand 40 mm stone aggregate; brick work											
S.NO.	dsr code	Description	Unit	No	L	B	H/D	Qty.	Total qty	Rate	Amount
1	DSR 2.6.1	Earth work in excavation	cu.m	1	1.10	1.10	0.45	0.54	0.54	177.50	95.85
2	DSR 4.1.8	L.C.1:4:8 c:c/s:40 m.m.stone /ballast	cu.m	1	1.10	1.10	0.10	0.12	0.12	6812.00	817.44
3	DSR 6.1.1	Brick work 1:4 c:c/s mortar		2	1.06	0.23	0.45	0.22			
				2	0.60	0.23	0.45	0.12			
		Total	cu.m					0.34	0.34	7370.65	2506.02
4	DSR 5.3	R.C.C.1:1.5:3 c:c/s/g mortar									
		Top cover		1	1.10	1.10	0.10	0.12			
		channel		1	0.60	0.60	0.08	0.03			
		Total	cu.m					0.15	0.15	11505.50	1725.83
5	DSR 5.22.6	Tmt -Steel									
		Same as above qty of rcc work		1	0.15	0.80%	7850.00	9.42			
		Total	kg					9.42	9.42	107.85	1015.95
7	DSR 13.9.1	12 mm thick plaster 1:3 c:c/s mortar with neat cement finishing		4	0.60		0.45	1.08			0.00
		outer		4	1.06		0.05	0.21			0.00
		Total	sqm					1.29	1.29	449.55	579.92
		Total									6741.01

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