



Dr. Sanjay Kr Attar
DEAN

COLLEGE OF AGRICULTURE, FATEHPUR-SHEKHAWATI
SIKAR-332301, RAJASTHAN

(Sri Karan Narendra Agriculture University, Jobner)

कृषि महाविद्यालय, फतेहपुर-शेखावाटी, सीकर- 332301, राजस्थान

(श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय, जोबनेर)

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No.F.(41)/Store /COA/FTR/2025/ 2273

Dated: 20/09/2025

WORK ORDER

M/s. Tiraniya Construction Company,
Mithari
Nagaur, Rajasthan, 341303
Mob: 9783636858
Email: mitujangir@gmail.com

With reference to the Limited tender for **Construction of Male & Female Toilet at farm of COA, Fatehpur, Dist. Sikar (Rajasthan)** vide tender No. F.(41)/Store/COA/FTR/2025/2233 dated **03.09.2025**, the rate offered by you @ 1.8% above as per G schedule based on PWD integrated building BSR 2022 & Electric BSR 2022 for **Construction of Male & Female Toilet at farm of COA, Fatehpur, Dist. Sikar (Rajasthan)** the following rates quoted by your firm have been approved after screening technical and financial specification by the Sale and Purchase Committee:

Sr. No.	Items as specification mentioned in Annexure-I	Qty.	Per Unit Rate including GST	Total Rate including GST and all other expenses (in Rs.)
1	Construction of Male & Female Toilet at farm of COA, Fatehpur	01. (As per G Schedule)	1,94,707.77/-	1,94,707.77/-

“G-Schedule”

Name of work: Construction of Girls & Boys Toilet at COA, Fatehpur-Shekhawati, Sikar-332301 (Rajasthan)

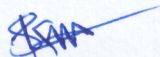
Based on: P.W.D. B.S.R. 2022 & Electric BSR 2022

Budget: Non University Fund (NUF)

Sr.No.	BSR No	PART 'A' CIVIL WORK	Quantity	Unit	Rate	Amount
1	1.8	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sum on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter. All kinds of soils	6.00		178.00	1068.00
2	3.1.6	Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40 mm nominal size).	0.80	Cum	3302.00	2641.60
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 (1-Cement: 6-Sand).	7.00	Cum	2838.00	19866.00
4	3.1.5	Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40 mm nominal size).	0.75	Cum	3731.00	2798.25

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5	5.2.2	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in: Cement mortar 1: 6 (1 cement: 6 coarse sand)	5.40	Cum	4990.00	26946.00
6	5.8.2	Half brick masonry in Superstructure, above plinth level upto floor V level using bricks of designation 75 Cement mortar 1: 4 (1 cement: 4 coarse sand)	10.00	sqm	553.00	5530.00
7	10.16	Stone slab roofing on ground floor with fine grained stone slab from approved quarry including filling of joints of parapet and slab on both sides in cement sand mortar 1:4, with ceiling pointing in cement sand mortar 1: 3 complete as per specification and instruction of Engineer Incharge	10.80	sqm	1648.00	17798.40
8	10.17.1	Cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	0.65	cum	4483.00	2913.95
9	10.24	Providing & laying broken glazed tiles on roof (broken glazed tiles not less than 9 Kg/Sqm) on top of hot bitumen @ 1.7 Kg/Sqm. (1.40 Kg of VG-40 (30/40) grade and 0.30 Kg/Sqm. Of VG-10 (80/100) grade) and joints filled with cement mortar 1 :2 (1 cement:2 marble dust mixed with water proofing compound all complete as per direction of Engineer-in-charge.	8.50	Sqm	317.00	2694.50
10	6.18.1	Supplying and fixing stone lintels/bed plates of approved quarry rough dressed in cement mortar 1:4: Upto 15 cm. thick.	0.10	cum	9621.00	962.10
11	6.15	Providing and fixing horizontal chajja of Red/ White sand stone 40 mm thick and upto 80 cm projection in cement mortar 1:4 (1 cement: 4 coarse sand) including pointing in white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade.	4.70	sqm	883.00	4150.10
12	12.3.2	Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finish: 20 mm thick	74.20	Sqm	190.00	14097.26
13	12.5	6 mm thick cement plaster to ceiling of mix 1:3 (1cement: 3-fine sand)	10.08	Sqm	139.00	1401.45
14	7.13	Providing and fixing 1st quality MAT finished ceramic tile size 300x300mm conforming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).	5.00	Sqm	748.00	3740.00
15	7.12	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles conforming to IS : 13753 & IS :15622 of size 200mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	10.20	Sqm	674.00	6874.80
16	11.3.1	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, making of lines or groove etc complete but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm thick nominal size aggregate.	3.50	Sqm	277.00	969.50
17	12.40.1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including all scaffolding: Two or more coats on new work including preparation of base with primer, putty, lippy etc complete in all respect.	74.50	Sqm	80.00	5960.00
18	16.1.1.3	Providing and fixing aluminium work for doors, windows, ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make conforming to IS :733 and IS :1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gap. at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,metered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /panelling , C.P. brass/ stainless steel screws Al. Tower bolt & Al. handle & Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in – charge .(Glazing and panelling to be paid for separately).For fixed portion Polyester Powder coating aluminium (minimum thickness of powder coating 50 micron)	17.00	kg	364.00	6188.00



19	16.1.2.3	Providing and fixing aluminium work for doors, windows, ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make conforming to IS :733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gap. at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,metered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /panelling , C.P. brass/ stainless steel screws Al. Tower bolt & Al. handle & Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in – charge (Glazing and panelling to be paid for separately).For shutters built up standard tubular sections of openable doors ,windows & ventilators including providing & fixing hinges / rollers etc. and making provision for fixing of fittings wherever required (locks shall be paid for separately). Polyester Powder coating aluminium (minimum thickness of powder coating 50 micron)	22.00	kg	394.00	8668.00
20	16.10.3	Providing and fixing expanded grill made of aluminium as per design and drawing having members section of size 7.5mm x 6.0mm and opening of size 102mm x 99mm to aluminium window/vent with required screws, Y and H aluminium section (as per drawing) at the ends and middle joints respectively complete in all respect as per direction of engineer in charge. Polyester Powder coating aluminium (minimum thickness of powder coating 50 micron)	0.50	sqm	1977.00	988.50
21	16.4.2	Providing and fixing 12 mm thick prelaminate three-layer medium density (exterior grade) particle board Grade I, Type II conforming to IS: 12823 bonded formaldehyde synthetic resin, of approved brand and manufacture in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and direction of engineer-in-charge. Prelaminated particle board with decorative lamination on both sides.	3.15	Sqm	1092.00	3439.80
22	9.19.3	Providing and fixing steel glazed doors windows and ventilator shutters of standard rolled steel section (IS 1038-1983) joints mitred and welded with steel lugs 13x3mm, 10cm. long embedded in cement concrete block 15x10x10cm. of 1:3:6 (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws with fixing clips or with bolts and nuts as required including providing and fixing of plain glass panes 4mm thick with cooper glazing clips and special metal sash putty of approved make or metal beading with screws complete including priming coat of approval steel primer, excluding the cost of metal beading and other fitting except necessary hinges of pivots steel handles peg stay etc. as required :Windows side hung /Ventilators top or centre hung (openable)	0.81	sqm	3135.00	2539.35
23	8.6.9	Providing and fixing wood panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled and glazed shutter 25 mm to 40 mm thick SS wire gauge 14 mesh x 24 gauge	1.30	Sqm	927.00	1205.10
24	9.8	Providing and fixing steel gate, grating, and grills made of angles, tees, square bars, flats, or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	8.50	kg	96.00	816.00
TOTAL PART A						144256.66
25		PART 'B' SANIRATY WORK				
26	1.2.2	P & F Indian type white glazed vitreous China 1st quality W.C. Orissa pan (IS :2556 Mark) with 100 mm vitreous China P or S trap including cutting and making good the wall and floor: Size 580x440mm.	1	Nos.	3080.00	3080.00
27	1.3	P & F European type white glazed vitreous China 1st quality W.C pan (IS: 2556 Mark) with P or S trap including cutting and making good the wall and floor	1	Nos.	2420.00	2420.00
28	1.7	P & F water closet Seat Covers with brass hinges complete:				
29	1.7.2	-do- White.	1	Nos.	485.00	485.00
30	1.20.2	P & F Low level Flushing Cistern of 10 litres capacity (IS: 2556mark). Of approved make with complete fittings C.I. brackets duly painted, brass ball cock with ball, (IS: 1703 mark) complete including cutting and making good the wall: PVC with PVC bend as per IS: 7231.	2	Nos.	1291.00	2582.00

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31	1.36	P & F WVC wash basin (1st quality, I.S.: 2556 Mark) of approved make with C.I. brackets duly painted, 1 No. 15 mm C.P. Pillar cock (IS: 8934 Mark) & 32 mm C.P. brass waste coupling of approved make, 25 mm G.I. waste pipe complete including cutting & making good the wall.:				
32	1.36.2	Size 510 mm x 400 mm	1	Nos.	2408.00	2408.00
33	1.48	P & F Grating of approved quality/make:				
34	1.48.2	Stainless Steel Sheet size 125mm dia. Heavy Quality of approved make	4	Nos.	97.00	388.00
35	1.56	P & F Extension Pipe for bib cocks of approved quality/make.				
36	1.56.1	C.P. brass of Heavy & Superior quality 50x15mm	3	Nos.	85.00	255.00
37	1.60	Providing & fixing C.P. flange for 15mm dia taps.	6	Nos.	18.00	108.00
38	2.7	P & F Bib Cock (IS: 8931 Mark), Superior quality of approved make:				
39	2.7.3	C.P. Brass bib cock, 15mm nominal bore.	3	Nos.	590.00	1770.00
40	2.12	P & F Inlet Connection (Angle Valves) Superior quality, of approved make, for Wash basin, Geyser etc.				
41	2.12.1	C.P. Inlet connection 15mm.Brass (IS: 8931 marked)	3	Nos.	501.00	1503.00
42	2.13	P & F 15 mm. Dia Connection Pipe of approved quality/make:				
43	2.13.7	CP Brass Pipe with CP Brass nuts upto length 450mm.	2	Nos.	136	272.00
44	2.15	P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make:				
45	2.15.2	Full Way Valve 20mm nominal bore.	1	Nos.	358	358.00
46	2.15.3	Full Way Valve 25mm nominal bore.	1	Nos.	529	529.00
47	2.26	P & F PVC Storage Tank ISI Marked (IS: 12701) indicating the BIS license No), of approved make with cover, 25mm dia 1M long G.I. over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including making connection etc., complete of approved design:				
48	2.26.3	500 litres capacity.	1	Nos.	3920	3920.00
49	2.38	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing 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 Engineer in Charge. (Concealed work including cutting chases and making good the walls etc.,)				
50	2.38.2	20mm nominal size	5	Rmt	289	1445.00
51	2.38.3	25 mm nominal size	5	Rmt	376	1880.00
52	2.39	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply including all CPVC plain & brass threaded fittings, this included jointing of pipes & fittings with one step CPVC solvent cement, trenching refilling & testing of joints complete as per direction of Engineer in Charge. (External work).				
53	2.39.2	20mm nominal size	5	Rmt	196	980.00
54	2.39.3	25 mm nominal size	5	Rmt	262	1310.00
55	1.1	Excavating trenches of required width for pipe cables, etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then returning the soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering etc. and disposal of surplus excavated soil as directed within a lead of 50 Mtr.: All kinds of soil				
56	1.10.2	Pipes cables, etc. exceeding 80mm dia but not exceeding 300mm dia.	4	mtr	187	748.00
57	3.16	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.				
58	3.16.3	110 mm dia	4	mtr	282.00	1128.00
59	3.16.5	Providing & Laying C.C. 1:3:6 (Stone Aggregate 20mm nominal size) all around PVC Pipe including 7.5 cm thick bed concrete [Width & Height = Dia of Pipe in CM+15CM] excluding cost of Pipe & Excavation of trenches etc.				
60	3.16.5.1	PVC pipe 110 mm dia	4	mtr	325	1300.00
61	4.24	Construction of Recharge Shaft in filter pit including Earth work Excavation, lifting excavated earth with all lift and 50 m lead and centering & shuttering even ever required.				
62	4.24.1	Diameter 900 mm	7	mtr	266.00	1862.00
63	4.25	Supply & fixing Pre-cast RCC Rings at the mouth of recharge shaft of M20 mix with 40 mm thickness				
64	4.25.1	Diameter 900 mm	7	mtr	766.00	5362.00

65	3.16	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.				
66	3.16.1	63 mm dia	12	Rmt	177	2124.00
67	3.16.3	110 mm dia	10	Rmt	282	2820.00
68	3.17	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:				
69	3.17.3	Plain Tee				
70	(i)	75mm dia	2	Nos.	114	228.00
71	(ii)	110mm dia	2	Nos.	187	374.00
72	3.17.5	Door 'Y'				
73	(ii)	110mm dia	1	Nos.	230	230.00
74	3.17.9	Bend 87.5				
75	(i)	75mm dia	6	Nos.	97	582.00
76	(ii)	110mm dia	2	Nos.	161.00	322.00
77	3.17.12	Vent Cowel				
78	(i)	75mm dia	1	Nos.	43	43.00
79	3.17.15	Pipe Clip				
80	(ii)	110mm dia	4	Nos.	36.00	144.00
81	3.17.18	Plain floor trap				
82		110mm dia	2	nos	230	460.00
83		TOTAL PART B				43420.00
84		PART 'C' : ELECTRIC WORK				
85	1.1	Wiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P - III) virgin material PVC conduit & it's ISI marked (IS:3419-1988) accessories, round tiles, 1.2 mm thick Hot Dipped Galvanized Modular Box with earth terminal, 10A Modular switch, Modular face plate with grid plate, 3 pin ceiling rose / Holder /3 way connector, screws, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
86	1.1.1	Short point (up to 3 mtr.)	4	point	359	1436.00
87	1.3	Wiring of 3/5 pin 6 amp. Light plug point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P - III) PVC conduit & it's ISI marked (IS:3419-1988) accessories, Hot Dipped Galvanized Modular box of 1.2 mm thick with earth terminal, 10 A modular switch, 3/5 pin 6 A modular socket, Modular face plate with grid plate, screws, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
88	1.3.1	On board	1	point	357	357.00
89	7.37	Supplying and fixing of power plug point with Modular accessories as per PWD specification for electrical Works, on hot dipped galvanized modular box of 1.2 mm thick with earthing terminal/connector on surface or in recessed with suitable size of modular face place with grid plate and cover plate including cost of ISI marked modular 16 amp. Switch (IS :3854) and 6/16 amp. socket outlet (IS:1293) making connection, testing, etc. as required. For specification of Wiring accessories refer Chapter E - 07 related item & for additional technical parameters of product / work refer Annexure 'A' attached with this BSR	1	each	580	580.00
90	4.1	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.90 % purity copper, class 5 stranding in acc. to IS:8130/IEC 60228 for lower watt loss , oxygen free for less chances of oxidization, insulation PVC type A/C/D , flame retardant as per IS 10810-53, better amperage rating as per IS:3961 part 5, in existing surface or recessed PVC/ MS conduit/casing capping making connections with Copper Lugs of suitable size, Ferrules, testing etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				

Signature

91	4.1.7	2 x 2.5 sq. mm. + 1x1.5sqmm	15	Mtr.	81	1215.00
		TOTAL PART C				3588.00
		Gross Amount (Rounding off to nearest one rupee)				Rs 1,91,265.00
		Tender premium @ 1.8% Above the Gross Amount of G-Schedule in words @ One point eight % Above the Gross Amount of G-Schedule				Rs 1,94,707.77.00

You are directed to **Construction of Male & Female Toilet at farm of COA, Fatehpur, Dist. Sikar (Rajasthan) within 90 days**. You are directed to submit performance security 10 % (refundable) of the order amount, in the form of DD favouring **Dean, College of Agriculture, Fatehpur – Shekhawati** payable at Fatehpur-Shekhawati or RTGS the same amount in Account No. 0657000103229564 IFSC code PUNB0065700 and mail the UTR number to the undersigned. The total amount for the above items should not exceed as mentioned in table.

All the terms and conditions of the bid, RTTPA-2012 and RTTPR-2013 will be applicable.


DEAN

Copy to the following for information and further needful action:

1. The Comptroller, SKNAU, Jobner.
2. The O/I CIMCA, for uploading on university website.
3. Convener/Members/Accounts Section/DDO, Farm Incharge, Farm manager, Ag. Supervisor COA, Fatehpur-Shekhawati.
4. Guard File.


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