

Validate		Print		Help		Percentage BoQ	
Tender Inviting Authority: General Manager(Civil/Welfare & Services), CCL Ranchi							
Name of Work:		External painting of different types of quarter along with repair and other misc. works at Jawahar Nagar Colony, under W&S Dept., CCL, Ranchi. Vide NIT no. 35 of 24-25.					
		Category of Services (To Be Selected by Department)		Category of Bidder(To Be Selected by Bidder)		To Be Entered by Department	
ITC Not Available		Works Contract		Bidder's Status (Mandatory)		Rate of GST (in %)	
Name of the Bidder/ Bidding Firm / Company :				Select		18.00	
						0.00	
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMBER #		TEXT #		NUMBER #		TEXT #	
Sl. No.		Item Description		Quantity		Units	
						Estimated Rate in Rs. P	
						TOTAL AMOUNT in Rs. P	
						TOTAL AMOUNT In Words	
1		2		3		4	
1		Item Description/ Heading				5	
1.01		Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. (Refer: CCL SOR 2024/ 13.91)		43412.00		sqm	
1.02		Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. (Refer: CCL SOR 2024/ 13.80)		1891.00		sqm	
1.03		Finishing walls with water proofing cement paint of required shade : Old work (one or more coats @ 2.20 kg/10 sqm) complete.(Refer: CCL SOR 2024/ 13.109.2)		24505.00		sqm	
1.04		Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/10 sqm) on existing cement paint surface (Refer: CCL SOR 2024/ 13.111.1)		18907.00		sqm	
1.05		Applying priming coats with primer of approved brand and manufacture, having tow VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre (Refer: CCL SOR 2024/ 13.85.3)		18907.00		sqm	
						18.35	
						111.90	
						55.90	
						97.60	
						55.30	
						796610.20	
						211602.90	
						1369829.50	
						1845323.20	
						1045557.10	
						INR Seven Lakh Ninety Six Thousand Six Hundred & Ten and Paise Twenty Only	
						INR Two Lakh Eleven Thousand Six Hundred & Two and Paise Ninety Only	
						INR Thirteen Lakh Sixty Nine Thousand Eight Hundred & Twenty Nine and Paise Fifty Only	
						INR Eighteen Lakh Forty Five Thousand Three Hundred & Twenty Three and Paise Twenty Only	
						INR Ten Lakh Forty Five Thousand Five Hundred & Fifty Seven and Paise Ten Only	

1.06	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :100 mm dia pipe (Refer: CCL SOR 2024/ 15.42.2)	604.00	metre	56.35	34035.40	INR Thirty Four Thousand &Thirty Five and Paise Forty Only
1.07	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.110 mm diameter (Refer: CCL SOR 2024/ 12.41.2)	604.00	metre	282.00	170328.00	INR One Lakh Seventy Thousand Three Hundred & Twenty Eight Only
1.08	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Shoe (Plain) 110 mm Shoe (Refer: CCL SOR 2024/ 12.42.6.2)	180.00	each	100.65	18117.00	INR Eighteen Thousand One Hundred & Seventeen Only
1.09	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5' 110 mm bend (Refer: CCL SOR 2024/ 12.42.5.2)	360.00	each	114.60	41256.00	INR Forty One Thousand Two Hundred & Fifty Six Only
1.10	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work (Refer: CCL SOR 2024/ 13.99.1)	2577.00	sqm	76.25	196496.25	INR One Lakh Ninety Six Thousand Four Hundred & Ninety Six and Paise Twenty Five Only
1.11	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. (Refer: CCL SOR 2024/ 15.56)	2667.00	sqm	39.60	105613.20	INR One Lakh Five Thousand Six Hundred & Thirteen and Paise Twenty Only
1.12	12 mm cement plaster finished with a floating coat of neat cement of mix :1:4 (1 cement: 4 fine sand) (Refer: CCL SOR 2024/ 13.7.2)	216.00	sqm	328.80	71020.80	INR Seventy One Thousand &Twenty and Paise Eighty Only
1.13	CARRIAGE OF MATERIALS By Mechanical Transport including loading,unloading and stacking Lime, moorum, building rubbish Lead - 5 km (Refer: CCL SOR 2024/ 1.1.1)	57.00	cum	189.50	10801.50	INR Ten Thousand Eight Hundred & One and Paise Fifty Only
1.14	Supply of Roundup Herbicide or equivalent medicine for killing plants in chajja,roof etc as per direction of EIC. (Analysed rate)	5.00	litre	423.26	2116.30	INR Two Thousand One Hundred & Sixteen and Paise Thirty Only
1.15	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75 mm diameter (Refer: CCL SOR 2024/ 12.41.1)	30.00	metre	188.50	5655.00	INR Five Thousand Six Hundred & Fifty Five Only
1.16	Extra for addition of synthetic Polyester triangular fibre of length 6 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40 in cement plaster/mortar by using 125 gms. of synthetic Polyester triangular fibre for 50 Kgs. cement used in cement mortar as per directions of Engineer-in-Charge. (Refer: CCL SOR 2024/ 13.79)	650.00	per bag of 50kg of cement	59.50	38675.00	INR Thirty Eight Thousand Six Hundred & Seventy Five Only

1.17	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections. (Refer: CCL SOR 2024/ 5.30)	480.00	metre	58.30	27984.00	INR Twenty Seven Thousand Nine Hundred & Eighty Four Only
1.18	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (Refer: CCL SOR 2024/ 4.12)	650.00	per bag of cement of 50 kg	13.05	8482.50	INR Eight Thousand Four Hundred & Eighty Two and Paise Fifty Only
1.19	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge. (Refer: CCL SOR 2024/ 15.3)	18.00	cum	2565.45	46178.10	INR Forty Six Thousand One Hundred & Seventy Eight and Paise Ten Only
1.20	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.(Refer: CCL SOR 2024/ 18.48)	14000.00	per litre	8.40	117600.00	INR One Lakh Seventeen Thousand Six Hundred Only
1.21	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes (Refer: CCL SOR 2024/ 18.7.3)	144.00	metre	360.40	51897.60	INR Fifty One Thousand Eight Hundred & Ninety Seven and Paise Sixty Only
1.22	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball. 25 mm nominal bore, 152mm long, weighing not less than 440 gms (Refer: CCL SOR 2024/ 18.62.3)	8.00	each	398.80	3190.40	INR Three Thousand One Hundred & Ninety and Paise Forty Only
1.23	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore (Refer: CCL SOR 2024/ 18.17.1)	8.00	each	462.15	3697.20	INR Three Thousand Six Hundred & Ninety Seven and Paise Twenty Only
1.24	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead. (Refer: CCL SOR 2024/ 15.18)	1000.00	kg	4.10	4100.00	INR Four Thousand One Hundred Only
1.25	Supply of labours for Shifting of cables ,wires, AC outdoors for repairing chhaja as per direction of EIC. (Analysed rate)	30.00	each	760.78	22823.40	INR Twenty Two Thousand Eight Hundred & Twenty Three and Paise Forty Only
1.26	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand) (Refer: CCL SOR 2024/ 13.1.2)	2451.00	sqm	253.75	621941.25	INR Six Lakh Twenty One Thousand Nine Hundred & Forty One and Paise Twenty Five Only
1.27	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Refer: CCL SOR 2024/ 10.2)	189.00	kg	98.50	18616.50	INR Eighteen Thousand Six Hundred & Sixteen and Paise Fifty Only

1.28	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.(Refer: CCL SOR 2024/ 12.50)	13.00	sqm	585.30	7608.90	INR Seven Thousand Six Hundred & Eight and Paise Ninety Only
1.29	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:Cement mortar 1:6 (1 cement : 6 coarse sand) (Refer: CCL SOR 2024/ 6.1.2)	5.00	cum	5692.20	28461.00	INR Twenty Eight Thousand Four Hundred & Sixty One Only
1.30	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in :cement mortar 1:4 (1 cement : 4 coarse sand) (Refer: CCL SOR 2024/ 6.12.2)	100.00	sqm	723.35	72335.00	INR Seventy Two Thousand Three Hundred & Thirty Five Only
1.31	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :3 mm thick (Refer: CCL SOR 2024/ 14.90.1)	108.00	sqm	471.45	50916.60	INR Fifty Thousand Nine Hundred & Sixteen and Paise Sixty Only
1.32	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-in-charge complete in all respect. SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer (Refer: CCL SOR 2024/ 26.31.1)	1999.00	sqm	106.50	212893.50	INR Two Lakh Twelve Thousand Eight Hundred & Ninety Three and Paise Fifty Only
1.33	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.110x110x110 mm (Refer: CCL SOR 2024/ 12.42.4.2)	20.00	each	165.60	3312.00	INR Three Thousand Three Hundred & Twelve Only

1.34	Providing, mixing and applying SBR polymer (of approved make @ minimum 2% by wt. of cement used) modified plain/reinforced cement concrete for structural members having minimum characteristic compressive strength (with ordinary portland cement, coarse sand and graded stone aggregate of 10mm maximum size in proportion as per design criteria) with specified average thickness. Note: Rates shall be for finished surface area of concrete and shall include the cost of labour, concrete and appropriate approved Super-Plasticiser for rendering concrete as flowable and SBR polymer but shall exclude cost of reinforcement, bond coat, Shear Keys, centering and shuttering, strutting, propping etc (Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding/tapping with a blunt metal instrument) 50mm thick in Grade M 25 with cement content not less than 330 kg per cum (Refer: CCL SOR 2024/ 26.33.1)	108.00	sqm	467.90	50533.20	INR Fifty Thousand Five Hundred & Thirty Three and Paise Twenty Only
1.35	Providing, mixing and applying SBR polymer of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt, of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2). 12 mm average thickness.(Refer: CCL SOR 2024/ 26.32.1)	1891.00	sqm	289.50	547444.50	INR Five Lakh Forty Seven Thousand Four Hundred & Forty Four and Paise Fifty Only
2	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					7863053.00	INR Seventy Eight Lakh Sixty Three Thousand & Fifty Three Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				