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**Percentage BoQ**

Tender Inviting Authority: Staff Officer Civil Piparwar Area.

Name of Work : Repair of PNB building at bachra township under GM Unit, Piparwar Area.

.	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 %)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CIL/Subsidiary (in Rs.)
Name of the Bidder/ Bidding Firm / Company :		Select	18.00	0.00	0.00

**PRICE SCHEDULE**

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant 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 #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	t	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1.01	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. 12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand)	447.944	sqm	249.70	111851.62	INR One Lakh Eleven Thousand Eight Hundred & Fifty One and Paise Sixty Two Only
1.02	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	69.870	sqm	195.85	13684.04	INR Thirteen Thousand Six Hundred & Eighty Four and Paise Four Only
1.03	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	734.380	sqm	89.25	65543.42	INR Sixty Five Thousand Five Hundred & Forty Three and Paise Forty One Only
1.04	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	517.820	sqm	98.45	50979.38	INR Fifty Thousand Nine Hundred & Seventy Nine and Paise Thirty Eight Only
1.05	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 teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	8.820	sqm	2621.05	23117.66	INR Twenty Three Thousand One Hundred & Seventeen and Paise Sixty Six Only

1.06	Providing and laying vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08% and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	30.750	sqm	1221.20	<b>37551.90</b>	INR Thirty Seven Thousand Five Hundred & Fifty One and Paise Ninety Only
1.07	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to I.S. 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	9.780	sqm	1180.40	<b>11544.31</b>	INR Eleven Thousand Five Hundred & Forty Four and Paise Thirty One Only
1.08	Providing and fixing to existing door frames. 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm ( $\pm 0.2$ mm) within built edging on both sides. The styles and rails mitred and jointed at the corners by means of M.S. galvanized/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanized M.S. tube of size 20x20 mm and 1 mm ( $\pm 0.1$ mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm ( $\pm 0.2$ mm) wall thickness, fixed to the shutter styles by means of plastic/galvanized M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having overall thickness of 20 mm and 1 mm ( $\pm 0.1$ mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanized M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	6.000	sqm	1515.45	<b>9092.70</b>	INR Nine Thousand & Ninety Two and Paise Seventy Only
1.09	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance $\pm 1$ mm), with wall thickness 2.0 mm ( $\pm 0.2$ mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinges side vertical of the frames reinforced by galvanized M.S. tube of size 19X19 mm and 1 mm ( $\pm 0.1$ mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge. Extruded section profile size 48x40 mm	19.000	sqm	194.90	<b>3703.10</b>	INR Three Thousand Seven Hundred & Three and Paise Ten Only
1.10	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	4.000	Nos.	1975.00	<b>7900.00</b>	INR Seven Thousand Nine Hundred Only
1.11	Providing and fixing Stainless Steel AISI 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 with drain board 1510x1040 mm bowl depth 250 mm each	1.000	Nos.	5051.30	<b>5051.30</b>	INR Five Thousand & Fifty One and Paise Thirty Only

1.12	Providingandfixingwaterclosetsquattingpan(IndiantypeW.C.pan)with 100mmsandcastIronPorStrap,10litrelowlevelwhiteP.V.C.flushing cistern,includingflushpipe,withmanuallycontrolleddevice(handlelever) conformingtoIS:7231,withallfittingsandfixturescomplete,including cutting and making good the walls andfloors wherever required:WhiteVitreouschinaOrissapatternW.C.panofsize580x440mmwithintegral type foot rests	1.000	Nos.	4774.45	<b>4774.45</b>	INR Four Thousand Seven Hundred & Seventy Four and Paise Forty Five Only
1.13	Providingandfixingwhitevitreouschinapedestaltypewatercloset(European typeW.C.pan)withseatandlid,10litrelowlevelwhiteP.V.C.flushingcistern, includingflushpipe,withmanuallycontrolleddevice(handlelever),conforming toIS:7231,withallfittingsandfixturescomplete,includingcuttingand making good the walls andfloors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	1.000	Nos.	4565.40	<b>4565.40</b>	INR Four Thousand Five Hundred & Sixty Five and Paise Forty Only
1.14	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)	20.720	Cum	5322.15	<b>110274.95</b>	INR One Lakh Ten Thousand Two Hundred & Seventy Four and Paise Ninety Five Only
1.15	Providingandlayinginpositioncementconcreteofspecifiedgrade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4(1cement:2coarsesand(zone-III)derivedfromnaturalsources:4 graded stone aggregate 20 mm nominal size derived from natural sources)	15.360	Cum	6490.90	<b>99700.22</b>	INR Ninety Nine Thousand Seven Hundred and Paise Twenty Two Only
1.16	Earth work in excavation by mechanical means (Hydraulic excavator)/manualmeansoverareas(exceeding30cmindepth,1.5min widthaswellas10sqmonplan)includinggettingoutanddisposalof excavatedearthleadupto50mandforalllift,asdirectedbyEngineer-in-charge. All kinds of soil	53.480	Cum	128.05	<b>6848.11</b>	INR Six Thousand Eight Hundred & Forty Eight and Paise Eleven Only
1.17	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	121.000	sqm	284.75	<b>34454.75</b>	INR Thirty Four Thousand Four Hundred & Fifty Four and Paise Seventy Five Only
1.18	Demolishingbrickworkmanually/bymechanicalmeansincludingstackingof serviceablematerialanddisposalofunserviceablematerialwithin50metres lead as per direction of Engineer-in-charge. In cement mortar	8.250	Cum	1194.45	<b>9854.21</b>	INR Nine Thousand Eight Hundred & Fifty Four and Paise Twenty One Only
1.19	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). 11.20.2Medium shade pigment using 50% white cement 50% Grey cement	142.250	sqm	942.95	<b>134134.64</b>	INR One Lakh Thirty Four Thousand One Hundred & Thirty Four and Paise Sixty Four Only

1.20	Providing and fixing pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 MP steel grade, 5-7 micron epoxy primer on both sides of the sheet and polyester top coat 15-18 microns. Sheets should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 metres as desired by Engineer-in-Charge. The sheets shall be fixed using self-drilling/self-tapping screws of size (5.5x55 mm) with EPDM seal, complete up to 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.	142.250	sqm	571.00	81224.75	INR Eighty One Thousand Two Hundred & Twenty Four and Paise Seventy Five Only
1.21	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.	222.860	Kg	92.55	20625.69	INR Twenty Thousand Six Hundred & Twenty Five and Paise Sixty Nine Only
1.22	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick waterproofing membrane, black finished reinforced with non-woven polyester mat consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/litre and viscosity 70-160 cps. Over the primer coat the layer of membranes shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membranes shall be as under: Joint strength in longitudinal and transverse direction at 23°C as 650/450 N/5 cm. Tear strength in longitudinal and transverse direction as 300/250 N. 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 membranes shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick	405.840	sqm	469.25	190440.42	INR One Lakh Ninety Thousand Four Hundred & Forty and Paise Forty Two Only
1.23	Grading roof for water proofing treatment with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	15.000	Cum	6616.35	99245.25	INR Ninety Nine Thousand Two Hundred & Forty Five and Paise Twenty Five Only
1.24	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	2.000	Nos.	4257.55	8515.10	INR Eight Thousand Five Hundred & Fifteen and Paise Ten Only
1.25	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but, excluding cost of reinforcement with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	1.170	Cum	8356.10	9776.64	INR Nine Thousand Seven Hundred & Seventy Six and Paise Sixty Four Only
1.26	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	140.400	KG	75.85	10649.34	INR Ten Thousand Six Hundred & Forty Nine and Paise Thirty Four Only

1.27	FinishingwallswithPremiumAcrylicSmoothexteriorpaintwithSilicone additives of required shade Old work (Two or more coats applied @ 1.43Ur/ 10sqm) over existingscement paint surface	595.000	Cum	83.65	49771.75	INR Forty Nine Thousand Seven Hundred & Seventy One and Paise Seventy Five Only
1.28	Paintingwithsyntheticenamelpaintofapprovedbrandandmanufactureto give an even shade : Two or more coats on new works	270.680	sqm	99.90	27040.93	INR Twenty Seven Thousand &Forty and Paise Ninety Three Only
1.29	DemolishingR.C.C.workmanually/bymechanicalmeansincludingstackingof steelbarsanddisposalofunserviceablematerialwithin50metresleadasper direction of Engineer - in- charge.	6.600	Cum	2060.50	13599.30	INR Thirteen Thousand Five Hundred & Ninety Nine and Paise Thirty Only
1.30	ProvidingandfixingChlorinatedPolyvinylChloride(CPVC)pipes,having thermalstabilityforhot&coldwatersupply,includingallCPVCplain&brass threadedfittings,includingfixingthepipewithclampsat1.00mspacing.This includesjointingofpipes&fittingswithonestepCPVCsolventcementand testingofjointscompleteasperdirectionofEngineerinCharge.Internalwork - Exposed on wall 25 mm nominal dia Pipes	30.000	Mtr	331.50	9945.00	INR Nine Thousand Nine Hundred & Forty Five Only
1.31	ProvidingandfixingChlorinatedPolyvinylChloride(CPVC)pipes,having thermalstabilityforhot&coldwatersupply,includingallCPVCplain&brass threadedfittings,includingfixingthepipewithclampsat1.00mspacing.This includesjointingofpipes&fittingswithonestepCPVCsolventcementand testingofjointscompleteasperdirectionofEngineerinCharge.Internalwork - Exposed on wall 20 mm nominal dia Pipes	45.000	Mtr	259.05	11657.25	INR Eleven Thousand Six Hundred & Fifty Seven and Paise Twenty Five Only
1.32	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	10.000	Nos.	376.95	3769.50	INR Three Thousand Seven Hundred & Sixty Nine and Paise Fifty Only
1.33	ProvidingandfixingC.P.brassanglevalveforbasinmixerandgeyserpointsof approved quality conforming to IS:8931 :15 mm nominal bore	10.000	Nos.	434.40	4344.00	INR Four Thousand Three Hundred & Forty Four Only
1.34	ProvidingandfixingG.I.pipescompletewithG.I.fittingsandclamps,i/c cutting and making good the walls etc. Internal work - Exposed on wall : 50 mm dia nominal bore	60.000	Mtr	730.25	43815.00	INR Forty Three Thousand Eight Hundred & Fifteen Only
1.35	Removingdryoroilbounddistemper,waterproofingcementpaintandthelike byscrapping,sandpaperingandpreparingthesurfacesmoothincluding necessary repairs to scratches etc. complete.	734.390	sqm	15.25	11199.45	INR Eleven Thousand One Hundred & Ninety Nine and Paise Forty Five Only
1.36	<b>Total impact of GST for the purpose of CTC</b>	1.000	Nos	0.00	0.00	INR Zero Only
<b>Total in Figures</b>					<b>1340245.53</b>	INR Thirteen Lakh Forty Thousand Two Hundred & Forty Five and Paise Fifty Three Only
<b>Quoted Rate in Figures</b>			Select		0.00	INR Zero Only
<b>Quoted Rate in Words</b>		<b>INR Zero Only</b>				