

Validate		Print		Help		Percentage BoQ	
Tender Inviting Authority: Staff Officer (Civil),CCL, Dhori Area							
Name of Work:- Repair and Maintenance of MRSS substation including approach road and provision of bathroom at MRSS substation situated at Kargali Bazar under GM unit Dhori 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	
<p align="center"><b>PRICE SCHEDULE</b></p> <p align="center">(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 )</p>							
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	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	5	6	7	
1	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 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	188.55	cum	188.45	35532.25	INR Thirty Five Thousand Five Hundred & Thirty Two and Paise Twenty Five Only	
2	Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	50.05	cum	1844.00	92292.20	INR Ninety Two Thousand Two Hundred & Ninety Two and Paise Twenty Only	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	2.29	cum	5916.00	13547.64	INR Thirteen Thousand Five Hundred & Forty Seven and Paise Sixty Four Only	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	97.16	cum	6490.90	630655.84	INR Six Lakh Thirty Thousand Six Hundred & Fifty Five and Paise Eighty Four Only	
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand).	8.62	cum	5322.15	45876.93	INR Forty Five Thousand Eight Hundred & Seventy Six and Paise Ninety Three Only	
6	Brick work with common burnt clay F.P.S.(non modular) bricks of class designation 5.0 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand).	19.33	cum	6494.75	125543.52	INR One Lakh Twenty Five Thousand Five Hundred & Forty Three and Paise Fifty Two Only	

7	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.	407.04	Kgs.	92.55	<b>37671.55</b>	INR Thirty Seven Thousand Six Hundred & Seventy One and Paise Fifty Five Only
8	Providing high impact Polypropylene reinforced cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required.	82.62	sqm	389.10	<b>32147.44</b>	INR Thirty Two Thousand One Hundred & Forty Seven and Paise Forty Four Only
9	Providing and fixing in position collapsible steel shutters with vertical channels 20 x 10 x 2mm and braced with flat iron diagonals 20 x 5mm size with top and bottom rail of T-iron 40 x 40 x 6mm with 40mm dia, steel pulleys complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	8.77	sqm	7450.80	<b>65343.52</b>	INR Sixty Five Thousand Three Hundred & Forty Three and Paise Fifty Two Only
10	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/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 gaps at junction, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth rust free, straight, mitred and joined mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) : For fixed portion. Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	25.74	Kgs.	367.10	<b>9449.15</b>	INR Nine Thousand Four Hundred & Forty Nine and Paise Fifteen Only
11	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	352.00	sqm	752.85	<b>265003.20</b>	INR Two Lakh Sixty Five Thousand & Three and Paise Twenty Only

12	Providing and fixing APP (Atactic Polypropylene Polymer) modified prefabricated five layer 2 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 manufacture 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 manufacture of membrane. 2mm (for corrugated roof sheets)	124.33	sqm	367.05	<b>45635.33</b>	INR Forty Five Thousand Six Hundred & Thirty Five and Paise Thirty Three Only
13	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets 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. 0.63 mm thick with zinc coating not less than 275 gm/ m <sup>2</sup>	166.85	sqm	821.25	<b>137025.56</b>	INR One Lakh Thirty Seven Thousand & Twenty Five and Paise Fifty Six Only
14	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. 40 mm thick with 20 mm nominal size stone aggregate	95.75	sqm	452.50	<b>43326.88</b>	INR Forty Three Thousand Three Hundred & Twenty Six and Paise Eighty Eight Only
15	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement : 4 fine sand)	27.66	sqm	284.75	<b>7876.19</b>	INR Seven Thousand Eight Hundred & Seventy Six and Paise Nineteen Only
16	12mm cement plaster of mix 1:6 (1 cement : 6 fine sand).	172.92	sqm	217.70	<b>37644.68</b>	INR Thirty Seven Thousand Six Hundred & Forty Four and Paise Sixty Eight Only
17	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S trap, 10 litre low level white PVC flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580 x 440mm with integral type foot rests.	2.00	nos.	4774.45	<b>9548.90</b>	INR Nine Thousand Five Hundred & Forty Eight and Paise Ninety Only
18	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.	15.00	Mtrs.	262.40	<b>3936.00</b>	INR Three Thousand Nine Hundred & Thirty Five and Paise One Hundred Only

19	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° " 110mm bend.	4.00	nos.	114.60	458.40	INR Four Hundred & Fifty Eight and Paise Forty Only
20	Providing and laying ceramic glazed floor tiles 300 x 300mm (thickness to be specified by the manufacturer) of 1 <sup>st</sup> quality conforming to IS : 15622 of approved make in colours such as white, Ivory, Grey, Fume, Red Brown, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc. complete.	5.88	sqm	762.80	4485.26	INR Four Thousand Four Hundred & Eighty Five and Paise Twenty Six Only
21	Providing and fixing 1 <sup>st</sup> quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-In-charge) in skirting, risers of steps and dados over 12mm 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.	14.40	sqm	871.30	12546.72	INR Twelve Thousand Five Hundred & Forty Six and Paise Seventy Two Only
22	Colour washing such as green, blue or buff to give an even shade : New work (two or more coats) with a base coat of white washing with lime.	211.70	sqm	33.40	7070.78	INR Seven Thousand & Seventy and Paise Seventy Eight Only
23	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	25.05	sqm	99.90	2502.50	INR Two Thousand Five Hundred & Two and Paise Fifty Only
24	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/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 gaps at junction, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth rust free, straight, mitred and joined mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/neoprene gasket required (Fittings shall be paid for separ	31.14	Kgs.	462.05	14388.24	INR Fourteen Thousand Three Hundred & Eighty Eight and Paise Twenty Four Only
25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item) : With float glass panes of 5.50mm thickness).	9.29	sqm	1090.10	10127.03	INR Ten Thousand One Hundred & Twenty Seven and Paise Three Only

26	Clearing jungle including uprooting of rank vegetation, grass, Brush wood, trees and saplings of girth upto 30cm measured at a height of 1M above ground level and removal of rubbish upto a distance of 50M outside the periphery of the area cleared.	3000.00	sqm	10.20	30600.00	INR Thirty Thousand Five Hundred & Ninety Nine and Paise One Hundred Only
27	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 25 mm dia. nominal bore	200.00	Mtrs.	339.70	67940.00	INR Sixty Seven Thousand Nine Hundred & Forty Only
28	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 20 mm dia. nominal bore	20.00	Mtrs.	252.15	5043.00	INR Five Thousand & Forty Three Only
29	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. : 15mm dia nominal bore.	12.00	Mtrs.	244.70	2936.40	INR Two Thousand Nine Hundred & Thirty Six and Paise Forty Only
30	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	4.00	nos.	263.75	1055.00	INR One Thousand & Fifty Five Only
31	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 : 15mm nominal bore.	2.00	nos.	434.40	868.80	INR Eight Hundred & Sixty Eight and Paise Eighty Only
32	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m : All kinds of soil.	3468.00	sqm	19.75	68493.00	INR Sixty Eight Thousand Four Hundred & Ninety Three Only
33	Dismantling roofing including ridges, hips valleys and gutters etc., and stacking the material within 50 meters lead of : G.S. Sheet.	166.85	sqm	97.70	16301.25	INR Sixteen Thousand Three Hundred & One and Paise Twenty Five Only
34	Demolishing brick work manually/by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge. In cement mortar	5.00	cum	1194.45	5972.25	INR Five Thousand Nine Hundred & Seventy Two and Paise Twenty Five Only
35	<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>1888845.40</b>	INR Eighteen Lakh Eighty Eight Thousand Eight Hundred & Forty Five and Paise Forty Only
<b>Quoted Rate in Figures</b>			Select		0.00	INR Zero Only
<b>Quoted Rate in Words</b>		<b>INR Zero Only</b>				