

SCHEDULE REQUIREMENT

Brief Specification

No		A/U	Qty
1	Augmentaion of Security Infrastructure. Augmentation of security Infrastructure approximate length 1600 mtr in the AOR of 29 Inf Div to be constructed at Bani Macchedi Sub Sector as per att sketch 'P'.		
	(a) Concertina Coil. Punched tape concertina coil (including spike and handle) with 50 turns and dia 610 mm, having a core wire of high carbon spring steel of high tensile strength. The punched tape and core wire are electro galvanized to provide protection against outdoor exposure. The punched tape is mechanically crimped over the core wire and then formed into a coil at various parts of periphery of the coil, steel clips connect the individual turns of the coil to each other so that it opens up like an accordion. The width of stips 19mm and spacing of clips 23.5mm to 24.5mm C/C. The weight of each coil will be 15.2 + 5% kgs without packing material and coil length 15 mtr when opened up. Each coil covered with bituminized Hessian cloth for providing protective coating as per specification No CQAE/5660/1602/A is a for raw material and drawing IMGA-0112/B (Sheet 1 of 2), IGA-0112/C (Sheet 2 of 2), IMPD-1817/B, IMPD-1820/B, IMPD-1821/B & IMPD-1822/B with DGQA/DGS&D inspection.	Coil	107
	(b) CGI Sheet 10' long. Corrugated gaivanized Iron sheet of size 3000mm (long) x 810mm (wide) and 0.63mm thick galvanized coating of 120gsm as per IS 277-2003. Tolerance will be as per IS Code 277-2003 (Make Tata/Sail/Jidal). Note : In sheet to ensure passing of air	Nos	734
	(c) Long Angle Iron Pickets : Angle iron post made of Mild Steel angle 45 x 45 x6 mm 1880 mm single piece conforming to IS : 2062-2011. All angle picket shall be applied with two coats of synthetic enamel paint of bush black colour over a coat of red oxide, Weight of the Mild Steel angle picket shall be 5 Kgs/Mtr + 5%. All angle iron shall be fabricated duly slotted (both side) at regular intervals 150mm with shoe at end of 120mm. Tolerances will be as per IS - 1852-1985	Nos	374
	(d) 'Y' neck Iron Pickets. 'Y' neck post made of Mild steel angle 45x45x5mm upto starting point of 'Y' neck and 'Y' neck of 450 mm long (both edge) with 60 degree slope placed at top of post with 250 mm form starging to 'Y' joint. Conforming to IS 2062-2011. All angle iron shall be applied with two coats of synthetic enamel paint of bush black colour over a coat of red oxide. Weight of the Mild steel angle picket shall be 5Kgs/Mtr + 5%. All angle Iron shall be fabricated duly slotted (both side) at neck at regular intervals 150mm with shoe at end of 120mm. Tolerances will be as per IS-1852-1985 (Make : Tata/Sail/Tisco/Rinl)	Nos	107
	(e) Barbed wire. Galvanised steel barbed wire twin strand conforming to IS : 278/2009 (as amended) and galvanized as per IS-4268/1979 (reaffirmed 2009) each strand 2.24mm thick having barbs of 2.0mm size wire spaced at 75 mm, weighing not less 106gms/Rm.	RM	7467
	(f) Binding wire 0.9mm dia suitable for binding barbed wire best quality.	Kgs	320
	(g) Welding Rod (25 Nos per Pkt)	Pkt	54
	(h) Self Driven Screw 50 mm (100 Nos in Pkt).	Pkt	27
2	Constr Material		
	(a) PPC grade 43, IS-12269-1990, packed in 50 kgs HDPE bags conforming to ISI 1652/2000. Make : ACC/AMBUJA/BIRLA	Bag	86
	(b) Coarse Sand Sand shall be clean, sharp, angular hard and durable free from adherent coating and shall not contain clay, mica and other impurities. The maximum quantities of clay and fine silt in sand shall not be more than 5% by mass as per IS-383-1970.	Cum	43
	(c) 20mm Stone Aggregates Stone aggregate shall be crushed stone 20mm graded conforming to IS-383 -1970 and shall be clean hard tough, durable and of uniform quality throughout. The aggregate shall be free from soft disintegrated materials, vegetable and other organic impurities.	Cum	30.0
	The vendor shall be liable to place the given security related stores on the existing security infra like fence, sentry post, and view cutter . The vendor shall be provide the labour & stores for fixing the above mentione stores		

Li Col/Maj
EQ
For CO
202 Engr Regl